

- High Quality
- Affordable Prices
- Quick Delivery
- Professional Tech-support



Top Selling Products

Cited in 30,000+ Publications. In Vitro/Vivo Mechanisms of Action. 24/7 Customer Service!

Cell. 2023 Nov 22;186(24):5394-5410.e18.
Deschloroclozapine purchased from MCE.

Cell. 2023 Nov 22;186(24):5290-5307.e26.
AU-15330 purchased from MCE.

Cell. 2023 Nov 9;186(23):5114-5134.e27.
Phorbol 12-myristate 13-acetate purchased from MCE.

Nature. 2023 Oct;622(7981):173-179.
A-485, NU9056 purchased from MCE.

Nature. 2023 Oct;622(7981):139-148.
Cycloheximide purchased from MCE.

Nature. 2023 Sep;621(7980):830-839.
Cucurbitacin I purchased from MCE.

Science. 2023 Sep 22;381(6664):ead3448.
5-Ph-IAA purchased from MCE.

Science. 2023 Jun 9;380(6649):eabo2296.
Tropifexor, Cilofexor purchased from MCE.

Science. 2022 Dec 2;378(6623):eabo5503.
DAPT purchased from MCE.

Cancer Research

Cat. No: HY-13259

MG-132

Proteasome Inhibitor

 556 Citations

Cat. No: HY-15763

Erastin

Ferroptosis Inducer

 158 Citations

Cat. No: HY-100558

Bafilomycin A1

V-ATPase Inhibitor

 239 Citations

Cat. No: HY-B0215

Acetylcysteine

ROS Inhibitor

 210 Citations

Cat. No: HY-10583

Y-27632 dihydrochloride

ROCK Inhibitor

 147 Citations

Cat. No: HY-13418A

Dorsomorphin

AMPK Inhibitor

 279 Citations

Cat. No: HY-10219

Rapamycin

mTOR Inhibitor

 529 Citations

Cat. No: HY-19312

3-Methyladenine (3-MA)

PI3K Inhibitor

 475 Citations

Cat. No: HY-100218A

RSL3

Ferroptosis Activator

 95 Citations

Cat. No: HY-10162

Olaparib

PARP Inhibitor

 139 Citations

Cat. No: HY-13757A

Tamoxifen

Estrogen Receptor Modulator

 Cited by *Cell*.

Cat. No: HY-100523

ML385

NRF2 Inhibitor

 182 Citations

Cat. No: HY-100579

Ferrostatin-1

Ferroptosis Inhibitor

 284 Citations

Cat. No: HY-17394

Cisplatin

DNA Alkylator

 263 Citations

Cat. No: HY-16658B

Z-VAD-FMK

Pan Caspase Inhibitor

 190 Citations

Cat. No: HY-10108

LY294002

PI3K Inhibitor

 562 Citations

Cat. No: HY-B0015

Paclitaxel

Antineoplastic Agent

 129 Citations

Cat. No: HY-114277

Sotorasib

KRAS G12C Covalent Inhibitor

 Cited by *Nat Genet*.

Anti-Infection Research

Cat. No: HY-B1743A

Puromycin dihydrochloride

Antibiotic

 81 Citations

Cat. No: HY-13433

ThapsigarginCa²⁺-ATPase Inhibitor 30 Citations

Cat. No: HY-16592

Brefeldin A

CRISPR/Cas9 Activator

 Cited by *Nat Microbiol*.

Cat. No: HY-100381

Nigericin sodium salt

NLRP3 Activator

 31 Citations

Cat. No: HY-13434

Ionomycin

Calcium Ionophore/Antibiotic

 Cited by *Cell Mol Immunol*.

Cat. No: HY-10221

Vorinostat

HDAC Inhibitor

 72 Citations

Inflammation/Immunology Research

Cat. No: HY-17589A

Chloroquine

Autophagy/TLRs Inhibitor

 224 Citations

Cat. No: HY-14648

Dexamethasone

GR Agonist

 86 Citations

Cat. No: HY-15371

Forskolin

Adenylate Cyclase Activator

 59 Citations

Cat. No: HY-12815A

MCC950 sodium

NLRP3 Inhibitor

 96 Citations

Cat. No: HY-11109

Resatorvid (TAK-242)

TLR4 Inhibitor

 291 Citations

Cat. No: HY-12318

IBMX

Phosphodiesterase Inhibitor

 Cited by *Mol Cell*.

Cat. No: HY-B0579

Cyclosporin A

Calcineurin Inhibitor

 71 Citations

Cat. No: HY-19363

GW4869

N-SMase Inhibitor

 84 Citations

Cat. No: HY-18739

PMA

SphK/PKC Activator

 40 Citations

Neurological Disease Research

Cat. No: HY-13027

DAPT

γ -secretase Inhibitor

 72 Citations

Cat. No: HY-114153

PLX5622

CSF1R Inhibitor

 Cited by *Nature*.

Cat. No: HY-18749

SC79

Akt Activator

 104 Citations

Metabolic Disease Research

Cat. No: HY-17386

Rosiglitazone

PPAR γ Agonist

 53 Citations

Cat. No: HY-B0240

Disulfiram

ALDH1 Inhibitor

 Cited by *Nat Cancer*.

Cat. No: HY-B0627

Metformin

AMPK Activator

 34 Citations

Cardiovascular Disease Research

Cat. No: HY-B0468

Isoprenaline hydrochloride

β -adrenergic Receptor Agonist

 Cited by *Science*.

Cat. No: HY-17567A

Heparin sodium salt

Anticoagulant

 Cited by *Cell Res*.

Cat. No: HY-18723

Yoda 1

Piezo1 Agonist

 Cited by *Cancer Commun*.

Endocrinology Research

Cat. No: HY-101952

Prostaglandin E2

Hormone-like Substance

 Cited by *Cell Stem Cell*.

Cat. No: HY-N0583

Hydrocortisone

Steroid Hormone

 Cited by *Nature*.

Cat. No: HY-B0141

Estradiol

Female Sex Hormone

 35 Citations

Recombinant Proteins

Cat. No: HY-P7109

EGF, Human

Cat. No: HY-P7025

IFN-gamma, Human

Cat. No: HY-P7118

TGF beta 1/TGFB1, Human

Cat. No: HY-P7058

TNF-alpha/TNFSF2, Human

Cat. No: HY-P7004

FGF basic/bFGF, Human

Cat. No: HY-P7085

M-CSF, Mouse

Fluorescent Dyes

Cat. No: HY-D0969

DiO

Cat. No: HY-D0940

H2DCFDA (Green)

Cat. No: HY-W090090

BODIPY 493/503

Cat. No: HY-15534

JC-1

Cat. No: HY-D0041

Calcein-AM

Cat. No: HY-D1301

BODIPY 581/591 C11

Biochemical Assay Reagents

Cat. No: HY-17031

SBE- β -CD

Cat. No: HY-Y1891

Tween 80

Cat. No: HY-Y0320

Dimethyl sulfoxide

Isotope-Labeled Compounds

Cat. No: HY-15162A

MMAE-d₈

Cat. No: HY-13631AS

Exatecan-d₅ mesylate

Cat. No: HY-19939S

VX-984

Peptides

Cat. No: HY-P1731B

Tirzepatide hydrochloride

Cat. No: HY-P0035

Insulin (human)

Cat. No: HY-13443

Exendin-4

Inhibitory Antibodies

Cat. No: HY-P9906

Bevacizumab

Cat. No: HY-P9908

Adalimumab

Cat. No: HY-P9912

Pertuzumab

Cat. No: HY-P9926

Dupilumab

Cat. No: HY-P9901

Ipilimumab

Cat. No: HY-P9902

Pembrolizumab

Kits

Magnetic Beads and Agarose

Cat. No: HY-K0202

Protein A/G Magnetic Beads

Cat. No: HY-K0207

Anti-Flag Magnetic Beads

Cat. No: HY-K0208

Streptavidin Magnetic Beads

Inhibitor Cocktails

Cat. No: HY-K0030

Deacetylase Inhibitor Cocktail

Cat. No: HY-K0021

Phosphatase Inhibitor Cocktail I

Cat. No: HY-K0010

Protease Inhibitor Cocktail

Cell Culture and Analysis

Cat. No: HY-K0301

Cell Counting Kit-8

Cat. No: HY-K2014

PEI Transfection Reagent

Cat. No: HY-K1090

Cytotoxicity LDH Assay Kit

Cat. No: HY-K1014

PolyFast Transfection Reagent

Cat. No: HY-K1059

BM-Cyclin

Cat. No: HY-K0302

CTG Cell Viability Detection

Other Kits

Cat. No: HY-K1005

Ultra High Sensitivity ECL Kit

Cat. No: HY-K1033

RNase Inhibitor

Cat. No: HY-K1001

RIPA Lysis Buffer (Strong)

Customer Validation

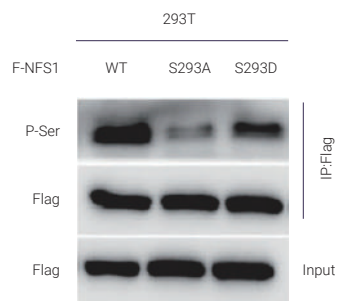
Example 1

Cell line: 293T cells (WT, S293A mutant, S293D mutant)

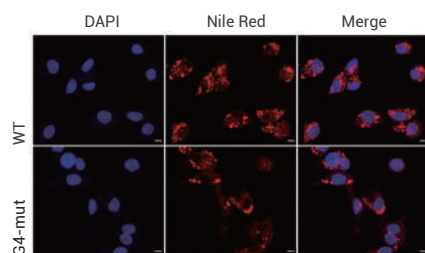
Application: IP analysis demonstrating the serine phosphorylation level of NFS1 in cells overexpressing WT NFS1 or the S293A or S293D mutant of NFS1 in the absence of Oxaliplatin ([HY-K0202](#))

Protein A/G Magnetic Beads

Cited in: *Signal Transduct Target Ther.* 2022 Feb 28; 7(1):54.



Example 2



Cell line: G4 cell lines

Application: The detection of TAG content in mutant and wild-type cells with **Nile Red** ([HY-D0718](#)) staining revealed that TAG content significant decrease obviously in G4-mutant cells.

Cited in: *Nucleic Acids Res.* 2022 Jun 24;50(12):6953-67.

For more details, please visit our online website

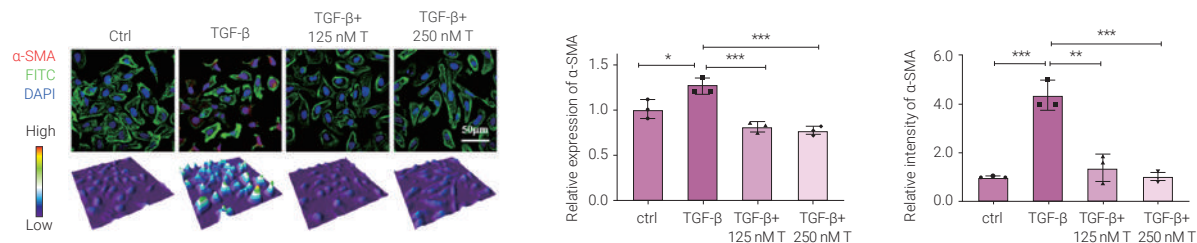
www.MedChemExpress.com

Example 3

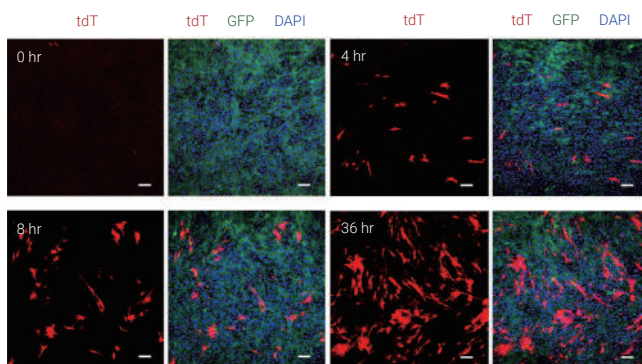
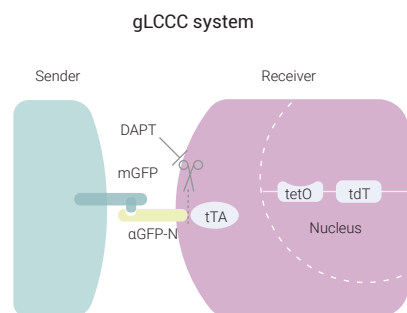
Cell line: HaCaT cell lines

Application: IF micrographs of **TGF- β (HY-P7118, 5 ng/mL)** and tFNA-treated HaCaT cells (scar bars are 50 μ m), 3D-reconstruction diagrams, and statistical analyses of IF and WB results for protein expression.

Cited in: *ACS Appl Mater Interfaces*. 2022 Apr 6;14(13):15069-15079.



Example 4



Cell line: CMs as sender cells and ECs as receiver cells

Principle: The artificially modified Notch signaling pathway is used to manipulate two adjacent cells in vivo. The ligand and receptor bind specifically, causing the conformational change of Notch across membrane segments. γ -secretase severs the connections between transmembrane and intracellular segments to release synthetic genetic elements in the intracellular segments, such as tTA and Gal4. This system is called the gLCCC system.

Application: The "sending" cells and "receiving" cells were co-cultured with **DAPT (HY-13027)** for 0-36 hours, respectively. tTA signal showed an obvious strengthening trend with the extension of time.

Cited in: *Science*. 2022 Dec 2;378(6623):eabo5503.

MedChemExpress USA

Tel: 609-228-6898

Fax: 609-228-5909

Address: 1 Deer Park Dr, Suite F, Monmouth Junction, NJ 08852, USA

MedChemExpress Europe

Tel: +4686500910

Address: Bergkällavägen 37C 192 79 Sollentuna SWEDEN

E-mail: sales@MedChemExpress.com

Tech Support: tech@MedChemExpress.com

E-mail: eu.sales@MedChemExpress.com



Your distributor in Switzerland

LubioScience GmbH
Baumackerstrasse 24
8050 Zurich

+41 41 417 02 80

info@lubio.ch
www.lubio.ch

For research use only.

We do not sell to patients.

**Master of
Bioactive Molecules**
www.MedChemExpress.com