Inhibitors/Agonists & Natural Products PROTACs & Screening Libraries



New Products
January 2021

Compound Arrays PROTACs Promotion Contact Us

CSNpharm supplies over 6,000 bioactive compounds in stock, including inhibitors, agonists, natural products, PROTACs and Screening Libraries for laboratory and scientific use. We will continue to launch new products to provide you with high quality products and outstanding services. Below are the new products recommended in January.

✓ AChR Agonist/Inhibitor

VU0238441 Cas No.: 85511-68-8 CSN27595

VU0238441 is a potent agonist of muscarinic acetylcholine receptor M5 with EC $_{50}$ of 2.1 μ M.

✓ Calcium channel blocker

Levamlodipine Cas No.: 103129-82-4 CSN27383

Levamlodipine ((S)-Amlodipine) is a powerful dihydropyridine calcium channel blocker, possessing vasodilation properties and used in the treatment of hypertension and angina.



✓ ADC Linker

Fmoc-8-amino-3,6-dioxaoctanoic acid Cas No.: 166108-71-0 CSN27306

Fmoc-8-amino-3,6-dioxaoctanoic acid (Fmoc-NH-PEG2-CH2COOH) is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs).

√ 5-HT Receptor Agonist/Inhibitor

Dehydroaripiprazole Cas No.: 129722-25-4

Dehydroaripiprazole (OPC-14857) is an active metabolite of Aripiprazole. Aripiprazole is an antipsychotic agent and is metabolized by CYP3A4 and CYP2D6 forming mainly Dehydroaripiprazole. Dehydroaripiprazole has antipsychotic activity equivalent to Aripiprazole.

✓ DNA-PK Inhibitor

PIK-75 Cas No.: 372196-67-3 CSN27247

PIK-75 is a selective p110 α inhibitor with IC₅₀ of 5.8 nM, 200-fold more potently than p110 β , which also potently inhibits DNA-PK with IC₅₀ of 2 nM.

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CSN27302

✓ Caspase Inhibitor

AC-YVAD-CMK Cas No.: 178603-78-6 CSN27236

Ac-YVAD-CMK is a tetrapeptide ICE inhibitor.

√ 5-HT Receptor Agonist/Inhibitor

Org-12962 Cas No.: 132834-56-1 CSN27303

Org-12962 is a potent, selective and orally active 5-HT2C receptor agonist with a pEC $_{50}$ value of 7.01. Org-12962 also exhibits high effacy for the 5-HT2A and 5-HT2B receptor with pEC $_{50}$ s of 6.38 and 6.28, respectively. Org-12962 displays antiaversive effects in a rat model of panic-like anxiety.





✓ AChR Agonist/Inhibitor

VU0119498 Cas No.: 79183-37-2 CSN27586

VU0119498 is a M1 muscarinic receptor agonist with EC_{50} of 3.1 μ M. It is also a pan mAChR M3, M5 positive allosteric modulator (PAM), and a neuroprotective agent.



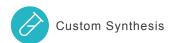


✓ GABA Receptor Agonist/Inhibitor

FG-7142 Cas No.: 78538-74-6 CSN27585

FG 7142, a non-selectively benzodiazepine inverse agonist, has high affinity for the α 1 subunit-containing GABAA receptor (Ki = 91 nM). FG 7142 also modulates GABA-induced chloride flux at GABAA receptors expressing the α 1 subunit (EC $_{50}$ = 137 nM). FG 7142 can increase tyrosine hydroxylation and cause upregulation of β -adrenoceptors in mouse cerebral cortex.





✓ Transferase Inhibitor

Isoastilbin Cas No.: 54081-48-0 CSN27575

Isoastilbin is a dihydroflavonol glycoside compound in Rhizoma Smilacis glabrae and Astragalus membranaceus. Isoastilbin inhibits glucosyltransferase (GTase) with an IC $_{50}$ value of 54.3 μ g/mL, and also inhibits tyrosinase activity. Isoastilbin shows neuroprotective, antioxidation, antimicrobial and anti-apoptotic properties and has the potential for Alzheimer's disease research.



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CSNpharm, Inc.

© +1-708-781-1677

(a) +1-708-286-6026



