

SDUY816

Chemical Properties

CAS No. :

Formula: C₁₈H₁₆N₃O₃

Molecular Weight: 449.24

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	SDUY816 is an orally active dual APN/NEP inhibitor, with IC ₅₀ values of 0.68 μM for APN and 6.9 μM for NEP. It exhibits analgesic properties and demonstrates good safety and pharmacokinetic profiles, having an oral bioavailability of 27% and a half-life of 4.02 hours in rats (oral, 10 mg/kg). SDUY816 is applicable for research in the field of neuropathic pain disorders.
Targets(IC ₅₀)	Neprilysin,Aminopeptidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.226 mL	11.1299 mL	22.2598 mL
5 mM	0.4452 mL	2.226 mL	4.452 mL
10 mM	0.2226 mL	1.113 mL	2.226 mL
50 mM	0.0445 mL	0.2226 mL	0.4452 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481