

Product datasheet

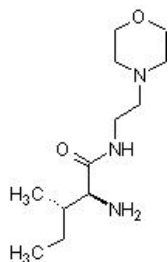
LM11A-31, nonpeptide p75^{NTR} ligand ab146187

1 Image

Overview

Product name	LM11A-31, nonpeptide p75 ^{NTR} ligand
Description	Selective nonpeptide p75 ^{NTR} ligand
Biological description	Selective nonpeptide p75 ^{NTR} ligand. Blocks p75-mediated cell death. Promotes neurogenesis and neurite survival. Does not affect NGF binding to TrkA. Shows neuroprotective and neuroregenerative effects <i>in vivo</i> . Orally active. Blood-brain barrier permeable.
CAS Number	1243259-19-9

Chemical structure



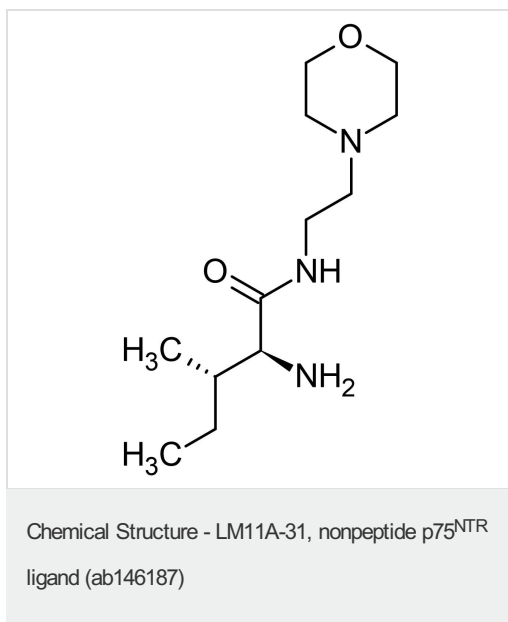
Properties

Chemical name	(2S,3S)-2-Amino-3-methyl-N-(2-morpholin-4-ylethyl)pentanamide dihydrochloride
Molecular weight	316.27
Molecular formula	C ₁₂ H ₂₅ N ₃ O ₂ ·2HCl
PubChem identifier	91654620
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM and in DMSO to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	CC[C@H](C)[C@@H](C(=O)NCCN1CCOCC1)N.Cl.Cl

Source

Synthetic

Images



2D chemical structure image of ab146187, LM11A-31, nonpeptide p75NTR ligand

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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