

Helianorphin-19

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage:

Keep away from moisture

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 | Helianorphin-19 is a high affinity, potent and selective κ -opioid receptor (KOR) agonist ($K_i = 25$ nM; $EC_{50} = 45$ nM). Helianorphin-19 exhibits approximately 200-fold selectivity for KOR over μ and δ -opioid receptors. In vivo Helianorphin-19 shows potent peripheral analgesic efficacy in a mouse model of visceral pain without affecting motor coordination/sedation. |
| Targets(IC50) | Opioid Receptor |

Reference

Muratspahić et al (2021) Design of a stable cyclic peptide analgesic derived from sunflower seeds that targets the κ -opioid receptor for the treatment of chronic abdominal pain. J.Med.Chem. 64 9042 PMID: 34162205

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