
Product Data Sheet

Product Name: NEP-In-1
Cat. No.: GC31267

Chemical Properties

Cas. No. 465527-94-0

SMILES O=C(O)C(CC1(C(NCCCC2=CC=C(Cl)C=C2)=O)CCCC1)CCOC

Formula $C_{21}H_{30}ClNO_4$ M.Wt 395.92

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

NEP-IN-1 is a neutral endopeptidase (NEP) inhibitor with IC₅₀ of 2 nM for dNEP.

NEP-IN-1 (Compound 30) is a selective inhibitor of neutral endopeptidase for the treatment of female sexual arousal disorder[1].

[1]. Pryde DC, et al. Novel selective inhibitors of neutral endopeptidase for the treatment of female sexual arousal disorder. *Bioorg Med Chem.* 2007 Jan 1;15(1):142-59.

Caution: Product has not been fully validated for medical applications. For research use only.

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