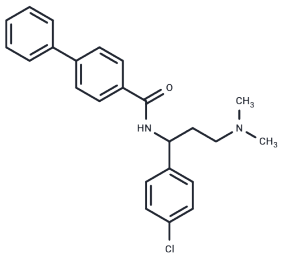
Data Sheet (Cat.No.T27328)

FL104

Chemical Properties



CAS No. : 885672-81-1

Formula: C24H25ClN2O

Molecular Weight: 392.92

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	FL104 is a potent agonist of small-molecule urotensin II receptor, pEC50= 7.11.
Targets(IC50)	Others,GPCR
In vitro	FL104 were tested for the ability to stimulate the human urotensin II receptor using a functional R-SATTM assay, pEC50= 7.11[1].

Solubility Information

Solubility	DMSO: 9 mg/mL (22.91 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.545 mL	12.7252 mL	25.4505 mL
5 mM	0.509 mL	2.545 mL	5.0901 mL
10 mM	0.2545 mL	1.2725 mL	2.545 mL
50 mM	0.0509 mL	0.2545 mL	0.509 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.

Reference

Lehmann F, et al. Novel and potent small-molecule urotensin II receptor agonists. Bioorg Med Chem. 2009 Jul 1;17 (13):4657-65.
Lehmann F, et al. Design, parallel synthesis and SAR of novel urotensin II receptor agonists. Eur J Med Chem. 2007 Feb;42(2):276-85.

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