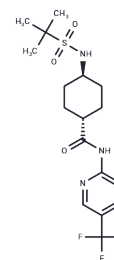


Velneperit

Chemical Properties

CAS No. :	342577-38-2
Formula:	C17H24F3N3O3S
Molecular Weight:	407.45
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	Velneperit (S2367) is potent and selective neuropeptide Y (NPY) Y5 receptor under evaluating for treatment of obesity.
Targets(IC50)	Neuropeptide Y Receptor

Solubility Information

Solubility	DMSO: 29 mg/mL (71.17 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4543 mL	12.2714 mL	24.5429 mL
5 mM	0.4909 mL	2.4543 mL	4.9086 mL
10 mM	0.2454 mL	1.2271 mL	2.4543 mL
50 mM	0.0491 mL	0.2454 mL	0.4909 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

George M , Rajaram M , Shanmugam E . New and emerging drug molecules against obesity.[J]. J Cardiovasc Pharmacol Ther, 2014, 19(1):65-76.

Shinichi Oda*, et al. Development of an Optimized Synthetic and Purification Process of S-2367 (Velneperit), a Novel Neuropeptide Y (NPY) Y5 Receptor Antagonist. Org. Process Res. Dev., 2015, 19 (4), pp 531-536.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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