

ASN06917370

Chemical Properties

CAS No. : 837404-68-9

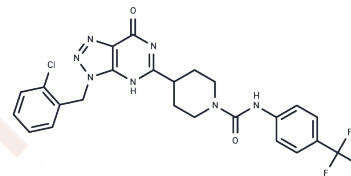
Formula: C₂₄H₂₁ClF₃N₇O₂

Molecular Weight: 531.92

Store at low temperature

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	ASN06917370 (Compound V) is a specific modulator of the orphan receptor GPR17 (Uracil Nucleotide/Cysteinyl Leukotriene Receptor), with an EC ₅₀ of 268 pM for [35S] GTPγS binding, and exhibits neuroprotective effects.
Targets(IC ₅₀)	GPCR,ROR

Solubility Information

Solubility	DMSO: 1 mg/mL (1.88 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	1.880 mL	9.3999 mL	18.7998 mL
5 mM	0.376 mL	1.880 mL	3.760 mL
10 mM	0.188 mL	0.940 mL	1.880 mL
50 mM	0.0376 mL	0.188 mL	0.376 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

Eberini I, et al. In silico identification of new ligands for GPR17: a promising therapeutic target for neurodegenerative diseases. J Comput Aided Mol Des. 2011 Aug;25(8):743-52.

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