

Tedalinab

Chemical Properties

CAS No. :	916591-01-0
Formula:	C ₁₉ H ₂₁ F ₂ N ₃ O
Molecular Weight:	345.39
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Tedalinab is an effective and selective cannabinoid receptor 2 agonist. Tedalinab demonstrates >4700-fold functional selectivity for CB2 over CB1 and is utilized in neuroimmune research focused on cannabinoid receptor signaling specificity, peripheral immune modulation pathways, and CB2-associated sensory neuron regulation in pain-related biological models.
Targets(IC50)	Cannabinoid Receptor

Solubility Information

Solubility	DMSO: 80 mg/mL (231.62 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	2.8953 mL	14.4764 mL	28.9528 mL
5 mM	0.5791 mL	2.8953 mL	5.7906 mL
10 mM	0.2895 mL	1.4476 mL	2.8953 mL
50 mM	0.0579 mL	0.2895 mL	0.5791 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

Glenmark's molecule for neuropathic pain, osteoarthritis - GRC 10693, successfully completes Phase I trials.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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