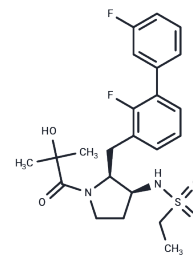


Suntinorexton

Chemical Properties

CAS No. :	2274802-89-8
Formula:	C ₂₃ H ₂₈ F ₂ N ₂ O ₄ S
Molecular Weight:	466.54
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Suntinorexton (TAK 861) is an orexin type 2 receptor (OX2R) agonist for the study of neurological disorders.
Targets(IC50)	OX Receptor

Solubility Information

Solubility	DMSO: 150 mg/mL (321.52 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 5 mg/mL (10.72 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1434 mL	10.7172 mL	21.4344 mL
5 mM	0.4287 mL	2.1434 mL	4.2869 mL
10 mM	0.2143 mL	1.0717 mL	2.1434 mL
50 mM	0.0429 mL	0.2143 mL	0.4287 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

Yuichi Kajita, et al. Heterocyclic compound and use thereof. WO2019027058A1.

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