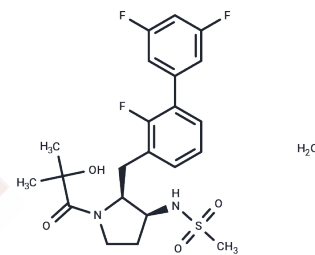


Firazorexton hydrate

Chemical Properties

CAS No. :	2861934-86-1
Formula:	C ₂₂ H ₂₅ F ₃ N ₂ O ₄ S.3/2H ₂ O
Molecular Weight:	497.53
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	Firazorexton hydrate (TAK-994) is a brain-penetrant, orally active agonist of the orexin type 2 receptor (OX2R) with a potent EC ₅₀ of 19 nM, effectively reducing wakefulness fragmentation and cataplexy-like episodes in mouse models of narcolepsy [1].
Targets(IC50)	ERK,Others,OX Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0099 mL	10.0496 mL	20.0993 mL
5 mM	0.402 mL	2.0099 mL	4.0199 mL
10 mM	0.201 mL	1.005 mL	2.0099 mL
50 mM	0.0402 mL	0.201 mL	0.402 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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