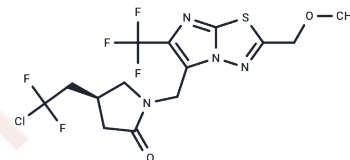


(S)-Padsevonil

Chemical Properties

CAS No. :	1294001-37-8
Formula:	C ₁₄ H ₁₄ ClF ₅ N ₄ O ₂ S
Molecular Weight:	432.80
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	(S)-Padsevonil is the S-enantiomer of Padsevonil. Padsevonil (UCB0942) is a potent antiepileptic agent that selectively targets both presynaptic and postsynaptic sites. It binds with high affinity to synaptic vesicle protein 2 (SV2) and acts as a positive allosteric modulator and partial agonist of GABAAR, showing greater efficacy on receptors containing $\alpha 1$ and $\alpha 5$ subunits. Padsevonil demonstrates antiepileptic effects in various rodent models.
Targets(IC50)	GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3105 mL	11.5527 mL	23.1054 mL
5 mM	0.4621 mL	2.3105 mL	4.6211 mL
10 mM	0.2311 mL	1.1553 mL	2.3105 mL
50 mM	0.0462 mL	0.2311 mL	0.4621 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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