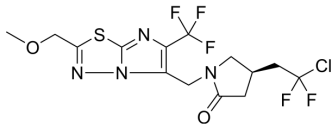
Padsevonil

Cat. No.:	HY-109009
CAS No.:	1294000-61-5
Molecular Formula:	$C_{14}H_{14}ClF_5N_4O_2S$
Molecular Weight:	432.8
Target:	Others
Pathway:	Others
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (231.05 mM; Need ultrasonic)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	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

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
   Solubility: ≥ 2.5 mg/mL (5.78 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.5 mg/mL (5.78 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Padsevonil (UCB0942) is a first-in-class and potent antiepileptic agent. Padsevonil can be used for the research of epilepsy[1].

REFERENCES

[1]. Zaccara G, et al. Antiepileptic Drugs in Clinical Development: Differentiate or Die? Curr Pharm Des. 2017;23(37):5593-5605.

Caution: Product has not been fully validated for medical applications. For research use only.

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