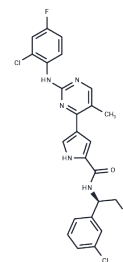


(R)-VX-11e

Chemical Properties

CAS No. :	1680187-43-2
Formula:	C ₂₄ H ₂₀ Cl ₂ FN ₅ O ₂
Molecular Weight:	500.35
Storage:	Store at low temperature 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	(R)-VX-11e is an isomer of VX-11e, a potent and selective ERK2 inhibitor with potential to inhibit tumor growth.
Targets(IC50)	ERK

Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble or slightly soluble), < 1 mg/mL (insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9986 mL	9.993 mL	19.986 mL
5 mM	0.3997 mL	1.9986 mL	3.9972 mL
10 mM	0.1999 mL	0.9993 mL	1.9986 mL
50 mM	0.040 mL	0.1999 mL	0.3997 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

Vanderpool D, et al. Residence time and kinetic efficiency analysis of extracellular signal-regulated kinase 2 inhibitors. *Anal Biochem.* 2015 Mar 15;473:46-52.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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