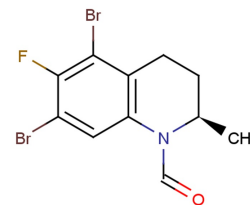


(R)-CE3F4

Chemical Properties

CAS No.:	1593478-56-8
Formula:	C ₁₁ H ₁₀ Br ₂ FNO
Molecular Weight:	351.01
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	(R)-CE3F4 is a selective inhibitor of exchange protein directly activated by cAMP isoform 1 (Epac1)(IC ₅₀ of 4.2 μM),
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.849 mL	14.245 mL	28.489 mL
5 mM	0.57 mL	2.849 mL	5.698 mL
10 mM	0.285 mL	1.424 mL	2.849 mL
50 mM	0.057 mL	0.285 mL	0.57 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Courilleau D, et al. The (R)-enantiomer of CE3F4 is a preferential inhibitor of human exchange protein directly activated by cyclic AMP isoform 1 (Epac1). Biochem Biophys Res Commun. 2013 Oct 25;440(3):443-8.

Inhibitors · Natural Compounds · Compound Libraries

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