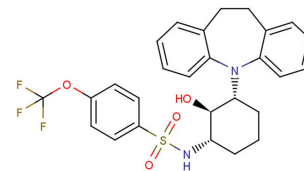


SMAP-2

Chemical Properties

CAS No.:	1809068-70-9
Formula:	C ₂₇ H ₂₇ F ₃ N ₂ O ₄ S
Molecular Weight:	532.57
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	SMAP-2 is an orally bioavailable activator of phosphatase 2A (PP2A) which binds to the PP2A A α scaffold subunit to drive conformational changes in PP2A. It inhibits the growth of KRAS-mutant lung cancers .
Targets(IC ₅₀)	PP2A: 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	1.878 mL	9.388 mL	18.777 mL
5 mM	0.376 mL	1.878 mL	3.755 mL
10 mM	0.188 mL	0.939 mL	1.878 mL
50 mM	0.038 mL	0.188 mL	0.376 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. Sangodkar J, et al. Activation of tumor suppressor protein PP2A inhibits KRAS-driven tumor growth. J Clin Invest. 2017 Jun 1;127(6):2081-2090.

Inhibitors · Natural Compounds · Compound Libraries

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