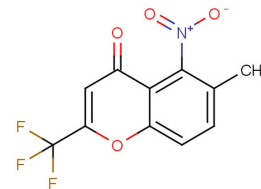


Bragsin1

Chemical Properties

CAS No.:	369631-68-5
Formula:	C ₁₁ H ₆ F ₃ NO ₄
Molecular Weight:	273.16
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Bragsin1 is a potent and selective and noncompetitive ArfGEF BRAG2 inhibitor, inhibits Arf GTPase activation(IC ₅₀ : 3 μM),and with anti-cancer activity.
Targets(IC ₅₀)	BRAG2: 3 μM

Solubility Information

Solubility	DMSO: 62.5 mg/mL (228.80 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.661 mL	18.304 mL	36.609 mL
5 mM	0.732 mL	3.661 mL	7.322 mL
10 mM	0.366 mL	1.83 mL	3.661 mL
50 mM	0.073 mL	0.366 mL	0.732 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. Nawrotek A, et al. PH-domain-binding inhibitors of nucleotide exchange factor BRAG2 disrupt Arf GTPase signaling. Nat Chem Biol. 2019 Feb 11. doi: 10.1038/s41589-019-0228-3.

Inhibitors · Natural Compounds · Compound Libraries

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