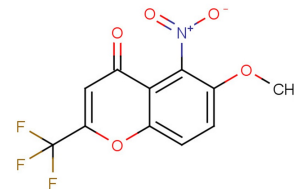


Bragisin2

Chemical Properties

CAS No.:	342795-08-8
Formula:	C ₁₁ H ₆ F ₃ NO ₅
Molecular Weight:	289.16
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Bragisin2 is a potent, selective, and noncompetitive nucleotide exchange factor BRAG2 inhibitor (IC ₅₀ : 3 μM). Bragisin2 binds at the interface between the PH domain of BRAG2 and the lipid bilayer, leads BRAG2 unable to activate lipidated Arf GTPase.
Targets(IC ₅₀)	BRAG2: 3 μM

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	3.458 mL	17.291 mL	34.583 mL
5 mM	0.692 mL	3.458 mL	6.917 mL
10 mM	0.346 mL	1.729 mL	3.458 mL
50 mM	0.069 mL	0.346 mL	0.692 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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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481