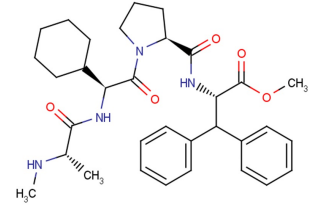


Data Sheet (Cat.No.T16163)

MV1

Chemical Properties

CAS No.:	1001600-54-9
Formula:	C33H44N4O5
Molecular Weight:	576.73
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	MV1 is an antagonist of IAP. When combined with HaloTag ligand, MV1 causes protein knockdown of HaloTag-fused proteins.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 125 mg/mL (216.74 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.734 mL	8.67 mL	17.339 mL
5 mM	0.347 mL	1.734 mL	3.468 mL
10 mM	0.173 mL	0.867 mL	1.734 mL
50 mM	0.035 mL	0.173 mL	0.347 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. Tomoshige S, et al. Efficient protein knockdown of HaloTag-fused proteins using hybrid molecules consisting of IAP antagonist and HaloTag ligand. *Bioorg Med Chem*. 2016 Jul 15;24(14):3144-8.

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