

Product Name : MV1

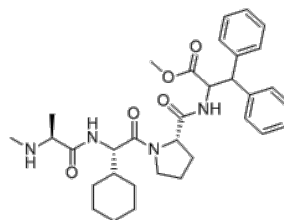
Synonyms : MV 1

Cat No. : M10018

CAS Number : 1001600-54-9

Molecular Formula : C33H44N4O5

Formula Weight : 576.74



Chemical Name : methyl 2-((S)-1-((S)-2-cyclohexyl-2-((S)-2-(methylamino)propanamido)acetyl)pyrrolidine-2-carboxamido)-3,3-diphenylpropanoate

Description : A small-molecule IAP antagonist that binds to select baculovirus IAP repeat (BIR) domains resulting in dramatic induction of auto-ubiquitination activity and rapid proteasomal degradation of c-IAPs; induces cell death that is dependent on TNF signaling and de novo protein biosynthesis.

Pathway : Apoptosis

Target : IAP

Receptor : IAP

Solubility : DMSO : ≥ 125 mg/mL 216.74 mM

SMILES : O=C(OC)C(NC([C@H]1N(C([C@H](C2CCCCC2)NC([C@@H](NC)C)=O)=O)CCC1)=O)C(C3=CC=CC=C3)C4=CC=CC=C4

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Varfolomeev E, et al. Cell. 2007 Nov 16;131(4):669-81. | 2. Shibata N, et al. J Med Chem. 2017 Jun 23. doi: 10.1021/acs.jmedchem.7b00168.