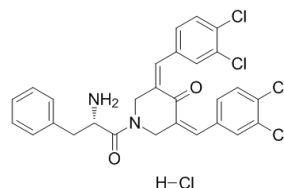


Product Name	: RA190
Synonyms	: RA-190;RA 190
Cat No.	: M12365
CAS Number	: 1617495-03-0
Molecular Formula	: C ₂₈ H ₂₃ Cl ₅ N ₂ O ₂
Formula Weight	: 596.76
Chemical Name	: 4-Piperidinone, 1-[(2S)-2-amino-1-oxo-3-phenylpropyl]-3,5-bis[(3,4-dichlorophenyl)methylene]-, hydrochloride (1:1)
Description	: RA190 (RA-190) is a reversible, highly selective, orally active inhibitor of the proteasomal ubiquitin receptor Rpn13, exhibits potent anti-proliferative effects against MM lines (IC ₅₀ <0.1 μM) and HPV-transformed cells (IC ₅₀ <0.3 μM); inhibits proteasome function, triggering rapid accumulation of polyubiquitinated proteins; profoundly reduced growth of MM and ovarian cancer xenografts.
Pathway	: Proteasome/Ubiquitin
Target	: Proteasome
Receptor	: Proteasome
Solubility	: DMSO: 10 mM
SMILES	: <chem>C1C(=CC2=CC(=C(C=C2)Cl)Cl)C(=O)C(=CC3=CC(=C(C=C3)Cl)Cl)CN1C(=O)C(CC4=CC=CC=C4)N.Cl</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Anchoori RK, et al. Cancer Cell. 2013 Dec 9;24(6):791-805. | 2. Randles L, et al. J Biol Chem. 2016 Apr 15;291(16):8773-83. | 3. Song Y, et al. Leukemia. 2016 Sep;30(9):1877-86.