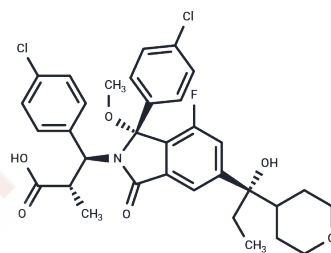


ASTX295

Chemical Properties

CAS No. : 2093449-12-6
 Formula: C₃₃H₃₄Cl₂FNO₆
 Molecular Weight: 630.531
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	ASTX295 is a selective mouse double minute 2 (MDM2) antagonist with an IC ₅₀ value of less than 1 nM. It specifically inhibits the interaction between MDM2 and p53, reactivating wild-type (WT) TP53, which subsequently induces the expression of related transcriptional targets, leading to cell death and cell cycle arrest. ASTX295 holds potential for research in lymphoid malignancies such as diffuse large B-cell lymphoma (DLBCL), mantle cell lymphoma (MCL), and T-cell lymphoma.
Targets(IC50)	MDM-2/p53

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.586 mL	7.9298 mL	15.8597 mL
5 mM	0.3172 mL	1.586 mL	3.1719 mL
10 mM	0.1586 mL	0.793 mL	1.586 mL
50 mM	0.0317 mL	0.1586 mL	0.3172 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481