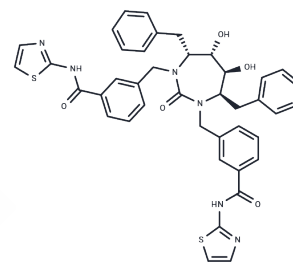


XV638

## Chemical Properties

CAS No. : 183854-11-7  
 Formula: C<sub>41</sub>H<sub>38</sub>N<sub>6</sub>O<sub>5</sub>S<sub>2</sub>  
 Molecular Weight: 758.91  
 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	XV638 is a biochemical.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3177 mL	6.5884 mL	13.1768 mL
5 mM	0.2635 mL	1.3177 mL	2.6354 mL
10 mM	0.1318 mL	0.6588 mL	1.3177 mL
50 mM	0.0264 mL	0.1318 mL	0.2635 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.

## Reference

Ala PJ, Huston EE, Klabe RM, Jadhav PK, Lam PY, Chang CH. Counteracting HIV-1 protease drug resistance: structural analysis of mutant proteases complexed with XV638 and SD146, cyclic urea amides with broad specificities. *Biochemistry*. 1998 Oct 27;37(43):15042-9. PubMed PMID: 9790666.

Ala PJ, DeLoskey RJ, Huston EE, Jadhav PK, Lam PY, Eyermann CJ, Hodge CN, Schadt MC, Lewandowski FA, Weber PC, McCabe DD, Duke JL, Chang CH. Molecular recognition of cyclic urea HIV-1 protease inhibitors. *J Biol Chem*. 1998 May 15;273(20):12325-31. PubMed PMID: 9575185.

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