

XL-188

Chemical Properties

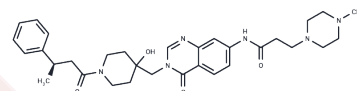
CAS No. : 2305045-76-3

Formula: C₃₂H₄₂N₆O₄

Molecular Weight: 574.71

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

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|----------------------------|--|
| Description | XL-188 is a highly potent and selective inhibitor of USP7. XL188 inhibited USP7 catalytic domain and full-length enzyme with IC ₅₀ values of 193 and 90 nM, respectively. XL188 Promotes USP7-Dependent Loss of HDM2 and Increase of p53 and p21. XL188 represents one of only a small set of mammalian DUB inhibitors with low nanomolar potency and a high degree of selectivity relative to other DUBs |
| Targets(IC ₅₀) | Others,DUB |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|----------|------------|
| 1 mM | 1.740 mL | 8.700 mL | 17.4001 mL |
| 5 mM | 0.348 mL | 1.740 mL | 3.480 mL |
| 10 mM | 0.174 mL | 0.870 mL | 1.740 mL |
| 50 mM | 0.0348 mL | 0.174 mL | 0.348 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

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