

8304-vs

## Chemical Properties

CAS No. :

Formula: C<sub>35</sub>H<sub>53</sub>N<sub>5</sub>O<sub>8</sub>S

Molecular Weight: 703.89

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	8304-vs, a macrocyclic anti-Plasmodial compound, irreversibly binds to and inhibits the Plasmodium proteasome, effectively halting the growth of Plasmodium falciparum [1].
Targets(IC50)	Proteasome,Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4207 mL	7.1034 mL	14.2068 mL
5 mM	0.2841 mL	1.4207 mL	2.8414 mL
10 mM	0.1421 mL	0.7103 mL	1.4207 mL
50 mM	0.0284 mL	0.1421 mL	0.2841 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

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