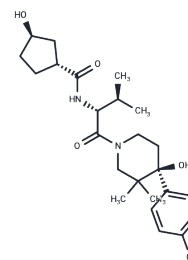


BMS-457

## Chemical Properties

CAS No. : 946594-19-0  
 Formula: C<sub>24</sub>H<sub>35</sub>ClN<sub>2</sub>O<sub>4</sub>  
 Molecular Weight: 451  
 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   | BMS-457 is a potent, CCR1-selective antagonist. |
| Targets(IC50) | Others,CCR                                      |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.2173 mL | 11.0865 mL | 22.1729 mL |
| 5 mM  | 0.4435 mL | 2.2173 mL  | 4.4346 mL  |
| 10 mM | 0.2217 mL | 1.1086 mL  | 2.2173 mL  |
| 50 mM | 0.0443 mL | 0.2217 mL  | 0.4435 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

Gardner DS, Santella JB 3rd, Duncia JV, Carter PH, Dhar TG, Wu H, Guo W, Cavallaro C, Van Kirk K, Yarde M, Briceno SW, Grafstrom RR, Liu R, Patel SR, Tebben AJ, Camac D, Khan J, Watson A, Yang G, Rose A, Foster WR, Cvijic ME, Davies P, Hynes J Jr. The discovery of BMS-457, a potent and selective CCR1 antagonist. *Bioorg Med Chem Lett*. 2013 Jul 1;23(13):3833-40. doi: 10.1016/j.bmcl.2013.04.079. Epub 2013 May 7. PubMed PMID: 23707259.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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