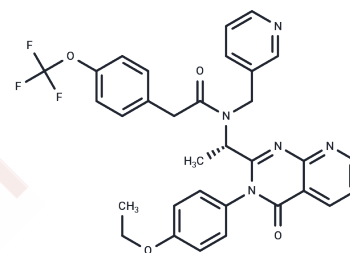


AMG 487 (S-enantiomer)

Chemical Properties

| | |
|-------------------|---------------------------------------------------------------------------------------------------------------------|
| CAS No. : | 473720-30-8 |
| Formula: | C32H28F3N5O4 |
| Molecular Weight: | 603.59 |
| 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 | AMG 487 S-enantiomer, the S enantiomer of AMG 487, is a CXCR3 antagonist. |
| Targets(IC50) | Others,CXCR |

Solubility Information

| | |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 150 mg/mL (248.51 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
| In vivo Formulation | 10% DMSO+40% PEG300+5% Tween-80+45% Saline: 5 mg/mL (8.28 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i> |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.6568 mL | 8.2838 mL | 16.5675 mL |
| 5 mM | 0.3314 mL | 1.6568 mL | 3.3135 mL |
| 10 mM | 0.1657 mL | 0.8284 mL | 1.6568 mL |
| 50 mM | 0.0331 mL | 0.1657 mL | 0.3314 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

CXCR3 ANTAGONISTS. WIPO Patent Application WO/2002/083143

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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