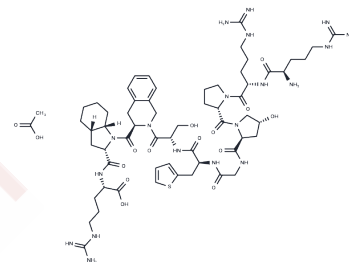


Icatibant Acetate

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 138614-30-9 |
| Formula: | C61H93N19O15S |
| Molecular Weight: | 1364.57 |
| Storage: | Keep away from moisture, Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|--|
| Description | Icatibant Acetate, an antagonist of the bradykinin B2 receptor, is used in the treatment of hereditary angioedema. |
| Targets(IC50) | Bradykinin Receptor |
| In vitro | Icatibant is a decapeptide resistant to the bradykinin-degrading proteases, leading to a longer half-life than bradykinin which it antagonizes[1]. |
| In vivo | Icatibant treatment exhibits efficacy in bradykinin-mediated angioedema attacks, and rapidly relieves symptom [1]. |

Solubility Information

| | |
|------------|--|
| Solubility | H2O: 100 mg/mL (73.28 mM), Sonication is recommended. DMSO: 122.5 mg/mL (89.77 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.7328 mL | 3.6642 mL | 7.3283 mL |
| 5 mM | 0.1466 mL | 0.7328 mL | 1.4657 mL |
| 10 mM | 0.0733 mL | 0.3664 mL | 0.7328 mL |
| 50 mM | 0.0147 mL | 0.0733 mL | 0.1466 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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