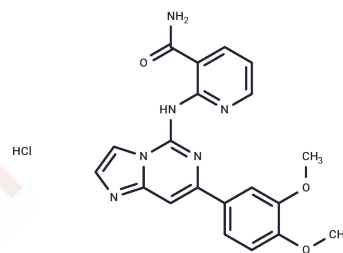


BAY 61-3606 HCl

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1615197-10-8 |
| Formula: | C ₂₀ H ₁₉ ClN ₆ O ₃ |
| Molecular Weight: | 426.86 |
| 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 | BAY 61-3606 HCl is a cell-permeable, reversible inhibitor of spleen tyrosine kinase. BAY 61-3606 HCl can inhibit degranulation and block cytokine release from mast cells. Oral administration of BAY 61-3606 to rats was shown to suppress antigen-induced passive cutaneous anaphylactic reaction, bronchoconstriction, and bronchial edema. It can also sensitize MCF-7 breast cancer cells to TNF-related apoptosis-inducing ligand (TRAIL)-mediated apoptosis by inhibiting Cdk9. This compound has been used in a pre-clinical model to explore the feasibility of targeting Syk in the treatment of retinoblastoma. |
| Targets(IC50) | Apoptosis,Others,Syk |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.3427 mL | 11.7134 mL | 23.4269 mL |
| 5 mM | 0.4685 mL | 2.3427 mL | 4.6854 mL |
| 10 mM | 0.2343 mL | 1.1713 mL | 2.3427 mL |
| 50 mM | 0.0469 mL | 0.2343 mL | 0.4685 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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