

Conteltinib tetrahydrochloride

Chemical Properties

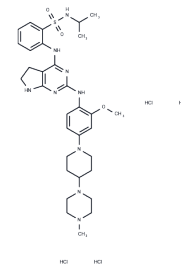
CAS No. :

Formula: C₃₂H₄₉Cl₄N₉O₃S

Molecular Weight: 781.667

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 | Conteltinib tetrahydrochloride (CT-707 tetrahydrochloride) is the tetrahydrochloride form of Conteltinib. It acts as an inhibitor for FAK (IC ₅₀ =1.6 nM), ALK, and Pyk2. When used in combination with Cabozantinib, Conteltinib tetrahydrochloride exhibits a synergistic antitumor effect. |
| Targets(IC ₅₀) | FAK |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.2793 mL | 6.3966 mL | 12.7931 mL |
| 5 mM | 0.2559 mL | 1.2793 mL | 2.5586 mL |
| 10 mM | 0.1279 mL | 0.6397 mL | 1.2793 mL |
| 50 mM | 0.0256 mL | 0.1279 mL | 0.2559 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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