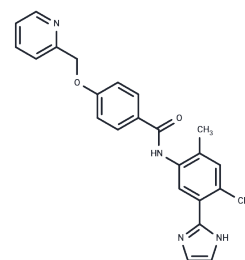


AZD7254

Chemical Properties

CAS No. : 1126366-28-6
 Formula: C₂₄H₂₂N₄O₂
 Molecular Weight: 398.46
 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 | AZD7254 is an oral effective Smoothed (SMO) inhibitor, and the EC ₅₀ of sonic Hh protein (shh) is 1.0 nM. |
| Targets(IC ₅₀) | Others, Smo |
| In vivo | AZD7254, administered orally at a dosage of 40 mg/kg twice daily for 10 days, demonstrated a 42% inhibition of tumor growth in a HT29-MEF (murine embryonic fibroblast) co-implant xenograft model [1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.5097 mL | 12.5483 mL | 25.0966 mL |
| 5 mM | 0.5019 mL | 2.5097 mL | 5.0193 mL |
| 10 mM | 0.251 mL | 1.2548 mL | 2.5097 mL |
| 50 mM | 0.0502 mL | 0.251 mL | 0.5019 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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