

Ivaltinostat formic

Chemical Properties

CAS No. :

Formula: C₂₅H₃₅N₃O₆

Molecular Weight: 473.56

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Ivaltinostat (CG-200745) formic is an oral active panHDAC inhibitor with an isohydroxamic acid component that binds zinc at the bottom of the catalytic pocket. Ivaltinostat formic inhibited the deacetylation of histone H3 and tubulin. Ivaltinostat formic promotes p53 accumulation, induces p53-dependent trans activation, and enhances MDM2 and p21 (Waf1/Cip1) protein expression. Ivaltinostat formic increases the sensitivity of Gemcitabine resistant cells to Gemcitabine and 5-Fluorouracil (5-FU). Ivaltinostat formic induces apoptosis and has antitumor effect.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1117 mL	10.5583 mL	21.1166 mL
5 mM	0.4223 mL	2.1117 mL	4.2233 mL
10 mM	0.2112 mL	1.0558 mL	2.1117 mL
50 mM	0.0422 mL	0.2112 mL	0.4223 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.

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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