

Catalog Number: CM05047

产品信息

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CM05047

CAS号:
303175-44-2

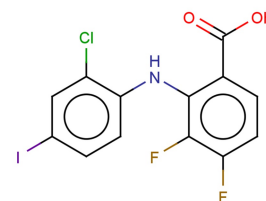
分子式:
 $C_{13}H_7ClF_2INO_2$

主要靶点:
Antibacterial|Influenza
Virus|MEK

主要通路:
MAPK信号通路|微生物学

分子量:
409.55

溶解度:
DMSO:60 mg/mL (146.50 mM)



靶点活性

MEK:5.7 nM

体外活性

Zapnometinib inhibits MEK, with IC50s of 30.96 nM, 357 nM, and 15 nM in cell free kinase assay, A549, MDCK cells and human PBMCs[1].Zapnometinib reduces the viral titers of the IV H1N1pdm09, H3N2[1].

体内活性

Zapnometinib exhibits AUC values of 860.02 and 1953.68 $\mu\text{g}\cdot\text{h}/\text{mL}$ in mice by i.v. or oral route, respectively[1].Zapnometinib reduces the lung virus titers and enhances survival of mice after lethal H1N1pdm09 infection[1].

描述

Zapnometinib (ATR-002) is a MEK inhibitor.

储存

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