

Tumors are allowed to establish for one to four weeks before use. Trametinib is administered orally at the indicated doses in 0.2 mL/20 g by weight. Tumors are measured twice weekly using Vernier calipers. Antitumor activity is defined as tumor growth inhibition representing the % volume differential in tumor growth between the treated and control tumors at the time vehicle tumors exceeded a volume of 1000 mm³.

References:

[1]. Yamaguchi T, et al. Suppressive effect of an orally active MEK1/2 inhibitor in two different animal models for rheumatoid arthritis: a comparison with HWA486. *Inflamm Res*, 2012, 61(5), 445-454.

[2]. Abe H, et al. Discovery of a Highly Potent and Selective MEK Inhibitor: GSK1120212 (JTP-74057 DMSO Solvate). *ACS Med Chem Lett*. 2011 Feb 28;2(4):320-4.

CAIndexNames:

N-(3-(3-cyclopropyl-5-((2-fluoro-4-iodophenyl)amino)-6,8-dimethyl-2,4,7-trioxo-3,4,6,7-tetrahydropyrido[4,3-d]pyrimidin-1(2H)-yl)phenyl)acetamide compound with (methylsulfinyl)methane (1:1)

SMILES:

CN1C(C(C)=C(N(C(N(C2=O)C3CC3)=O)C4=CC=CC(NC(C)=O)=C4)C2=C1NC5=CC=C(C=C5F)I)=O.CS(C)=O

Caution: Product has not been fully validated for medical applications. For research use only.

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