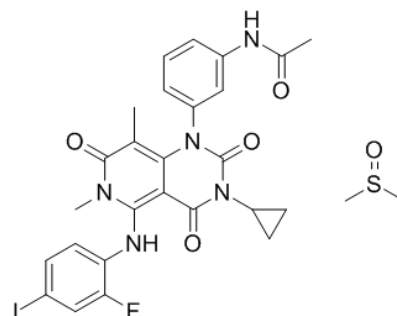


Product Name : Trametinib DMSO solvate
Cat. No. : PC-42775
CAS No. : 1187431-43-1
Molecular Formula : C₂₈H₂₉FIN₅O₅S
Molecular Weight : 693.5283
Target : MEK (MAP2K)
Solubility : DMSO: ≥ 69 mg/mL (Need ultrasonic)



Biological Activity

A potent and highly specific MEK1/2 inhibitor with IC₅₀ of 0.92 nM/1.8 nM; exhibits no inhibition on the kinase activities of c-Raf, B-Raf, ERK1/2.

Skin Cancer

Approved

References

Gilmartin AG, et al. Clin Cancer Res. 2011 Mar 1;17(5):989-1000.

Flaherty KT, et al. N Engl J Med. 2012 Nov 1;367(18):1694-703.

Yamaguchi T, et al. Int J Oncol, 2011, 39(1), 23-31.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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