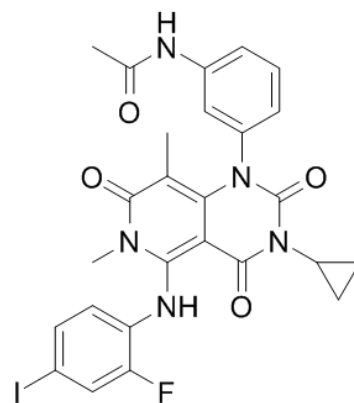


Product Name : Trametinib
Cat. No. : PC-42774
CAS No. : 871700-17-3
Molecular Formula : C₂₆H₂₃FIN₅O₄
Molecular Weight : 615.3948
Target : MEK (MAP2K)
Solubility : 10 mM in DMSO



Biological Activity

Trametinib (GSK-1120212, JTP 74057) is a potent and highly specific **MEK1/2** inhibitor with IC₅₀ of 0.92 nM/1.8 nM. Trametinib exhibits no inhibition on the kinase activities of c-Raf, B-Raf, ERK1/2.

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!

E-mail: tech@probechem.com