
Product Data Sheet

Product Name: CHR 6494 trifluoroacetate

Cat. No.: GC50145

Chemical Properties

Cas. No. 1458630-17-5

SMILES CCCNC2=NN1C(C3=CC(C=NN4)=C4C=C3)=CN=C1C=C2.OC(C(F)(F)F)=OFormula $C_{16}H_{16}N_6.CF_3CO_2H$ M.Wt 406.36

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Potent and selective haspin kinase inhibitor (IC₅₀ = 2 nM). Selective over 27 other protein kinases including Aurora B kinase. Induces cell cycle arrest at G2/M, inhibits cell proliferation and promotes apoptosis in multiple cancer cell lines. Inhibits angiogenesis ex vivo and attenuates tumor growth of HCT-116 xenografts in rats.

Huertas et al (2012) Antitumor activity of a small-molecule inhibitor of the histone kinase Haspin. *Oncogene* 31 1408 PMID:21804608

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

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