
Product Data Sheet

Product Name: BRD 4354 ditrifluoroacetate

Cat. No.: GC35551

Chemical Properties

Cas. No.

SMILES OC1=C2N=CC=CC2=C(Cl)C=C1C(N3CCN(CC)CC3)C4=CC=CN=C4.O=C(O)C(F)(F)F.O=C(O)C(F)(F)FFormula C₂₅H₂₅ClF₆N₄O₅ M.Wt 610.93

Solubility DMSO: 125 mg/mL (204.61 mM) 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**

BRD 4354 (ditrifluoroacetate) is a moderately potent inhibitor of HDAC5 and HDAC9, with IC₅₀s of 0.85 and 1.88 μM, respectively[1]. HDAC5|0.85 μM (IC₅₀)|HDAC9|1.88 μM (IC₅₀)

[1]. Boskovic ZV, ET AL. Inhibition of Zinc-Dependent Histone Deacetylases with a Chemically Triggered Electrophile. ACS Chem Biol. 2016 Jul 15;11(7):1844-51.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA