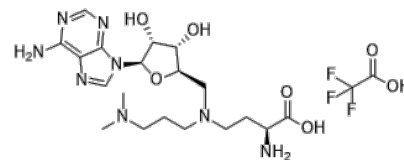


Product Name : GSK2807 Trifluoroacetate
Cat. No. : PC-28192
CAS No. : 2245255-66-5
Molecular Formula : C₂₁H₃₃F₃N₈O₇
Molecular Weight : 566.54
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



Biological Activity

GSK2807 Trifluoroacetate (GSK 2807) is a potent and selective, SAM-competitive inhibitor of SMYD3 with K_i of 14 nM and IC₅₀ of 130 nM.

GSK2807 displays 24-fold selectivity over SMYD2, and a panel of PRMTs including: PRMT1, PRMT4, PRMT5, NSD2, NSD3, DOT1L, G9a, and ASH1L.

References

Van Aller GS, et al. Structure. 2016 May 3;24(5):774-81.

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

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