
Product Data Sheet

Product Name: TC AC 28

Cat. No.: GC50340

Chemical Properties

Cas. No. 1809296-92-1

SMILES COC(CC1N=C(C2=CC(OC)=CC=C2N3C(C)=NN=C13)C4=C5C=CNC5=CC=C4)=OFormula $C_{23}H_{21}N_5O_3$ M.Wt 415.44

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**

High affinity BET bromodomain ligand (Kd values are 40 and 800 nM for Brd2(2) and Brd2(1), respectively). Exhibits 20-fold selectivity for the second over the first bromodomain.

Baud et al (2016) New synthetic routes to triazolo-benzodiazepine analogues: expanding the scope of the bump-and-hole approach for selective bromo and extra-terminal (BET) bromodomain inhibition. J.Med.Chem. 59 1492 PMID:26367539

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

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