

Product Data Sheet

Product Name: TBK1/IKK ϵ -IN-5

Cat. No.: GC37748

Chemical Properties

Cas. No. 1893397-65-3

SMILES N#CC1=CC(C2=NC(NC3=CC=C(N4CCN(C5COC5)CC4)C=C3)=NC=N2)=CC=C1OC6C COCC6

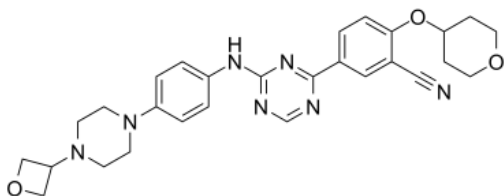
Formula $C_{28}H_{31}N_7O_3$ M.Wt 513.59

Solubility DMSO: 7.81 mg/mL (15.21 mM) Storage Store at -20°C

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

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

Structure



Background

TBK1/IKK ϵ -IN-5 (compound 1) is a dual TBK1 and IKK ϵ inhibitor, with IC₅₀ values of 1 nM and 5.6 nM for TBK1 and IKK ϵ , respectively[1]. IC₅₀: 1 nM (TBK1), 5.6 nM (IKK ϵ)[1].

[1]. Jenkins RW, et al. Ex Vivo Profiling of PD-1 Blockade Using Organotypic Tumor Spheroids. Cancer Discov. 2018 Feb;8(2):196-215.

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

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