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**Product Data Sheet**

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Product Name: GSK 2250665A

Cat. No.: GC50156

**Chemical Properties**

Cas. No. 1246030-96-5

SMILES CCC1=CC=C(N=C(NC3=NC(N[C@H]5CC[C@H](O)CC5)=NC(CC4=CC=CC=C4)=C3)S2)C2=C1Formula C<sub>26</sub>H<sub>29</sub>N<sub>5</sub>O<sub>5</sub> M.Wt 459.61

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**

Itk inhibitor (pKi = 9.2). Exhibits selectivity for Itk over Aurora B kinase and Btk (pIC50 values are 6.4 and 6.5, respectively) and a panel of other kinases. Inhibits IFN $\gamma$  production in PBMCs.

Alder et al (2013) Identification of a novel and selective series of Itk inhibitors via a template-hopping strategy. ACS Med.Chem.Lett. 12 948 PMID:24900590

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

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