

---

**Product Data Sheet**

---

Product Name: ITK inhibitor 2

Cat. No.: GC36354

**Chemical Properties**

Cas. No. 1309784-09-5

SMILES CC1(CC2=C(C(C3=CC4=CC=C(N(C)C([C@@H](N5CCOCC5)C)=O)C=C4N3)=NN2)CC1)CFormula C<sub>25</sub>H<sub>33</sub>N<sub>5</sub>O<sub>2</sub>

M.Wt 435.56

Solubility DMSO : 125 mg/mL (286.99 mM; Need ultrasonic) 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 2 is a interleukin-2-inducible T-cell kinase (ITK) inhibitor extracted from patent WO2011065402A1, compound 4, with an IC<sub>50</sub> of 2 nM. IC<sub>50</sub>: 2 nM (ITK inhibitor 2)[1]

[1]. Teruhiko Inoue, et al. Indole compounds and their pharmaceutical use.

**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