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**Product Data Sheet**

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Product Name: XT2  
Cat. No.: GC65586

**Chemical Properties**

Cas. No. 2582816-37-1

Formula C<sub>19</sub>H<sub>14</sub>FN<sub>5</sub>O<sub>5</sub> M.Wt 379.41

Solubility 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**

XT2 is a potent, orally active, and selective inhibitor of NF-κB-inducing kinase (NIK) with an IC<sub>50</sub> of 9.1 nM. XT2 suppresses CCl<sub>4</sub>-induced upregulation of ALT, a key biomarker of acute liver injury. XT2 also decreases immune cell infiltration into the injured liver tissue. XT2 has the potential for the research of liver inflammatory diseases[1].

[1]. Li Z, et al. Discovery of a Potent and Selective NF-κB-Inducing Kinase (NIK) Inhibitor That Has Anti-inflammatory Effects in Vitro and in Vivo. J Med Chem. 2020;63(8):4388-4407.

**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