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**Product Data Sheet**

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Product Name: Tigulixostat

Cat. No.: GC64122

**Chemical Properties**

Cas. No. 1287766-55-5

Formula C<sub>16</sub>H<sub>14</sub>N<sub>4</sub>O<sub>2</sub>

M.Wt 294.31

Solubility DMSO : 100 mg/mL (339.78 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**

Tigulixostat (LC350189) is an orally active, non-purine selective xanthine oxidase inhibitor. Tigulixostat lowers the production of uric acid. Tigulixostat can be used for gout and hyperuricemia study[1].

[1]. Seonghae Yoon, et al. Pharmacokinetics, pharmacodynamics, and tolerability of LC350189, a novel xanthine oxidase inhibitor, in healthy subjects. Drug Des Devel Ther. 2015 Aug 31;9:5033-49.

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

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