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**Product Data Sheet**

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Product Name: Itacnosertib

Cat. No.: GC63416

**Chemical Properties**

Cas. No. 1628870-27-8

Formula C<sub>26</sub>H<sub>28</sub>N<sub>8</sub>O

M.Wt 468.55

Solubility DMSO : 12.5 mg/mL (26.68 mM; ultrasonic and warming and heat to 60°C)

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**

Itacnosertib (TP-0184) is both inhibitor to JAK2, ACVR1 (ALK2) and ALK5 as described in WO2014151871[1].

[1]. Mollard, Alexis; Warner, Steven L.; Flynn, Gary A.; Vankayalapati, Hariprasad; Bearss, David J. Preparation of [(piperazinylphenyl)amino]pyrimidine derivatives as JAK2 and ALK2 inhibitors. WO2014151871 A2

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

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