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**Product Data Sheet**

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Product Name: GSK-1482160

Cat. No.: GC63838

**Chemical Properties**

Cas. No. 1001389-72-5

Formula C<sub>14</sub>H<sub>14</sub>ClF<sub>3</sub>N<sub>2</sub>O<sub>2</sub>

M.Wt 334.72

Solubility DMSO : 100 mg/mL (298.76 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**

GSK-1482160 is an orally available negative allosteric modulator of the P2X7 receptor. P2X7 receptors are involved in the production of pro-inflammatory cytokines, such as IL-1 $\beta$ , by central and peripheral immune cells. GSK-1482160 has the potential for the research of inflammation diseases[1].

[1]. Ali Z, et al. Pharmacokinetic and pharmacodynamic profiling of a P2X7 receptor allosteric modulator GSK1482160 in healthy human subjects. Br J Clin Pharmacol. 2013;75(1):197-207. doi:10.1111/j.1365-2125.2012.04320.x

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

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