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## Product Data Sheet

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Product Name: NLRP3-IN-10

Cat. No.: GC69570

### Chemical Properties

Cas. No. 2641826-39-1

Formula  $C_{17}H_{14}BrFO_3$

M.Wt 365.19

Solubility DMSO : 100 mg/mL (273.83 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

NLRP3-IN-10 is a potent **Significantly reduced IL-1 $\beta$  release in the spleen of mice after 6 h treatment.**

**Significantly reduced the increase of peritoneal neutrophil influx compared with the control group.**

**[1]. Zhang R, et al. New Highly Potent NLRP3 Inhibitors: Furanochalcone Velutone F Analogues. ACS Med Chem Lett. 2022 Mar 7;13(4):560-569.**

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

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