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**Product Data Sheet**

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Product Name: RDR 02308

Cat. No.: GC69806

**Chemical Properties**

Cas. No. 4155-82-2

Formula C<sub>19</sub>H<sub>15</sub>N<sub>3</sub>O<sub>3</sub>

M.Wt 333.34

Solubility DMSO : 100 mg/mL (299.99 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**

RDR 02308 is a **TLR4-MyD88** binding inhibitor that inhibits full-length **β-lactamase**<sup>[1]</sup>.

RDR 02308 (0-10 μM; 1 h) □ RAW264.7 □□□□□ LPS □□□ IL-6 □□<sup>[1]</sup>□

Western Blot Analysis<sup>[1]</sup>

Cell Line: RAW264.7 cells

Concentration: 0-10 μM

Incubation Time: 1 h

Result: Inhibited LPS-mediated IL-6 production.

[1]. Lee HK, et al. Application of beta-lactamase enzyme complementation to the high-throughput screening of toll-like receptor signaling inhibitors. Mol Pharmacol. 2007 Oct;72(4):868-75.

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

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