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## Product Data Sheet

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Product Name: PPAR $\delta$ / $\gamma$  agonist 1 sodium

Cat. No.: GC67866

### Chemical Properties

Cas. No. 1258076-66-2

Formula C<sub>25</sub>H<sub>26</sub>NNaO<sub>5</sub> M.Wt 443.47

Solubility Storage 4°C, away from moisture and light

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

PPAR $\delta$ / $\gamma$  agonist 1 sodium is a chemically unique and brain penetrant dual **PPAR delta/gamma** agonist. PPAR $\delta$ / $\gamma$  agonist 1 sodium can be used for the research of Alzheimer's disease<sup>[1]</sup>.

PPAR $\delta$ / $\gamma$  agonist 1 sodium (1 mg/kg; i.g. once daily for 16 days) restores STZ-mediated impairments of motor function<sup>[1]</sup>.

Animal Model: STZ-mediated Long Evans rats<sup>[1]</sup>

Dosage: 1 mg/kg

Administration: Oral gavage; 1 mg/kg once daily, for 16 days

Result: Improved performance in STZ-mediated rats and showed neuroprotective for both granule and Purkinje cells.

[1]. Tong M, et al. T3D-959: A Multi-Faceted Disease Remedial Drug Candidate for the Treatment of Alzheimer's Disease. J Alzheimers Dis. 2016;51(1):123-38.

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

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