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## Product Data Sheet

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Product Name: PDE12-IN-3

Cat. No.: GC36863

### Chemical Properties

Cas. No. 1803357-22-3

SMILES N#CC1=CC2=C(C=C1)C(C3=NC4=CC=C(C(N5C(CO)C(C6=CC=CC=C6)OCC5)=O)C=C4N3C)=CN2

Formula C<sub>29</sub>H<sub>25</sub>N<sub>5</sub>O<sub>3</sub>

M.Wt 491.54

Solubility DMSO : 80 mg/mL (162.75 mM; Need ultrasonic)

Storage Store at -20°C

General 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 Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice Condition upon request.

Structure

### Background

PDE12-IN-3 is a phosphodiesterase 12 (PDE12) inhibitor with a pXC50 of 7.68. Antiviral activity[1]. PDE12|7.68 (pXC50)

[1]. Wood ER, et al. The Role of Phosphodiesterase 12 (PDE12) as a Negative Regulator of the Innate Immune Response and the Discovery of Antiviral Inhibitors. J Biol Chem. 2015 Aug 7;290(32):19681-96.

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

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