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**Product Data Sheet**

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Product Name: PD0176078

Cat. No.: GC32649

**Chemical Properties**

Cas. No. 248922-46-5

SMILES CC(C)C[C@H](NC)C(NCCCC(C1=CC=C(F)C=C1)C2=CC=C(F)C=C2)=OFormula C<sub>23</sub>H<sub>30</sub>F<sub>2</sub>N<sub>2</sub>O M.Wt 388.49

Solubility DMSO : 100 mg/mL (257.41 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**

PD0176078 is a newly found N-type Calcium channel blocker.

[1]. Takashi Yamamoto, et al. Discovery, structure-activity relationship study, and oral analgesic efficacy of cyproheptadine derivatives possessing N-type calcium channel inhibitory activity. *Bioorg Med Chem.* 2006 Aug 1;14(15):5333-9.

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

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