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**Product Data Sheet**

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Product Name: VU6001376

Cat. No.: GC37931

**Chemical Properties**

Cas. No. 1968546-34-0

SMILES O=C(NC1CC(F)(F)C1)C2=NSC3=CC(NC4=NNC5=C4N=CC=C5)=CC=C32Formula C<sub>18</sub>H<sub>14</sub>F<sub>2</sub>N<sub>6</sub>OS M.Wt 400.41

Solubility Soluble in DMSO 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**

VU6001376 is a potent and selective positive allosteric modulator of the metabotropic glutamate receptor 4 (mGlu4 PAM) with an EC<sub>50</sub> of 50.1 nM[1]. mGlu4|50.1 nM (EC<sub>50</sub>)

[1]. Bollinger SR, et al. Discovery, Structure-Activity Relationship, and Biological Characterization of a Novel Series of 6-((1 H-Pyrazolo[4,3- b]pyridin-3-yl)amino)-benzo[d]isothiazole-3-carboxamides as Positive Allosteric Modulators of the Metabotropic Glutamate Receptor 4 (mGlu4). J Med Chem. 2019 Jan 10;62(1):342-358.

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

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