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**Product Data Sheet**

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Product Name: FGFR2-IN-2

Cat. No.: GC64475

**Chemical Properties**

Cas. No. 2677709-81-6

Formula C<sub>23</sub>H<sub>22</sub>N<sub>4</sub>O

M.Wt 370.45

Solubility DMSO : 62.5 mg/mL (168.71 mM; ultrasonic and warming and heat to 60°C)

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**

FGFR2-IN-2 (Compound 38) is a selective FGFR2 inhibitor with IC<sub>50</sub>s of 389, 29, and 758 nM for FGFR1, FGFR2, and FGFR3, respectively[1].

[1]. Lewis D Turner, et al. From Fragment to Lead: De Novo Design and Development toward a Selective FGFR2 Inhibitor. J Med Chem. 2022 Jan 27;65(2):1481-1504.

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

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