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**Product Data Sheet**

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Product Name: CSF1R-IN-3

Cat. No.: GC64805

**Chemical Properties**

Cas. No. 2760584-90-3

Formula C<sub>30</sub>H<sub>38</sub>N<sub>8</sub>O<sub>4</sub> M.Wt 574.67

Solubility 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**

CSF1R-IN-3 (compound 21) is a potent and orally active CSF-1R inhibitor (IC<sub>50</sub>=2.1 nM). CSF1R-IN-3 is a potent antiproliferative activity against colorectal cancer cells. CSF1R-IN-3 inhibits the progression of colorectal cancer by suppressing the migration of macrophages, reprogramming M2-like macrophages to the M1 phenotype, and enhancing the antitumor immunity[1].

[1]. Lv Q, et al. Discovery of (Z)-1-(3-((1H-Pyrrol-2-yl)methylene)-2-oxoindolin-6-yl)-3-(isoxazol-3-yl)urea Derivatives as Novel and Orally Highly Effective CSF-1R Inhibitors for Potential Colorectal Cancer Immunotherapy. J Med Chem. 2021;64(23):17184-17208.

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

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