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**Product Data Sheet**

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Product Name: Paltimatrectinib

Cat. No.: GC67978

**Chemical Properties**

Cas. No. 2353522-15-1

Formula C<sub>20</sub>H<sub>15</sub>F<sub>5</sub>N<sub>6</sub>

M.Wt 434.37

Solubility DMSO : 25 mg/mL (57.55 mM; ultrasonic and warming and heat to 75°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**

Paltimatrectinib (compound I-147) is a potent **tyrosine kinase** inhibitor with an **IC<sub>50</sub>** of <10 nM for tropomyosin kinases A (TrkA). Paltimatrectinib has the potential for cancer and inflammatory diseases<sup>[1]</sup>.

[1]. Kollol Pal, et al. 5-(2-(2,5-difluorophenyl)pyrrolidin-1 -yl)-3-(1h-pyrazol-1-yl)pyrazolo[1,5-a]pyrimidine derivatives and related compounds as trk kinase inhibitors for treating cancer. WO2019118584A1.

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

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