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**Product Data Sheet**

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Product Name: ANKRD22-IN-1

Cat. No.: GC68662

**Chemical Properties**

Cas. No. 1107710-62-2

Formula  $C_{22}H_{30}N_4O_4$  M.Wt 414.5

Solubility DMSO : 25 mg/mL (60.31 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**

ANKRD22-IN-1 is a potent inhibitor of **ANKRD22**. ANKRD22-IN-1 promotes the expansion of gastrointestinal mucosal epithelial stem cells and indirectly activates the Wnt classical pathway, which helps the recovery of damaged gastrointestinal mucosal tissues in the body (extracted from patent CN111205231B)<sup>[1]</sup>.

[1]. Yongquan Zhu, et al. Lead compounds as ankrd22 inhibitors and their applications. Patent CN111205231B.

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

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