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**Product Data Sheet**

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Product Name: TAK-700 (Orteronel)

Cat. No.: GC16649

**Chemical Properties**

Cas. No. 426219-18-3

Chemical Name 6-(7-hydroxy-5,6-dihydropyrrolo[1,2-c]imidazol-7-yl)-N-methylnaphthalene-2-carboxamide

SMILES CNC(=O)C1=CC2=C(C=C1)C=C(C=C2)C3(CCN4C3=CN=C4)OFormula  $C_{18}H_{17}N_3O_2$  M.Wt 307.35Solubility  $\geq 11.2$  mg/mL in DMSO,  $\geq 11.93$  mg/mL in EtOH with 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**

TAK-700 (Orteronel) is a potent and highly selective human 17,20-lyase inhibitor with IC50 of 38 nM, exhibits >1000-fold selectivity over other CYPs (e.g. 11-hydroxylase and CYP3A4). Phase 3.

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

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