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**Product Data Sheet**

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Product Name: E3 ligase Ligand 9

Cat. No.: GC34566

**Chemical Properties**

Cas. No. 2093388-45-3

SMILES O=C(C(N(CC1=C2C=CC=C1CCCCCN)C2=O)CC3)NC3=OFormula  $C_{18}H_{23}N_3O_3$  M.Wt 329.39

Solubility Water: 50 mg/mL (151.80 mM); DMSO: 5 mg/mL (15.18 mM) 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**

E3 ligase Ligand 9 is a Ligand of BETd-260 for E3 Ligase used in PROTAC. BETd-260 is a potent BET degrader based on PROTAC technology, with an IC50 of 51 pM against BRD4 protein in RS4;11 leukemia cell line[1]. E3 ligase[1].

[1]. Zhou B, et al. Discovery of a Small-Molecule Degradable of Bromodomain and Extra-Terminal (BET) Proteins with Picomolar Cellular Potencies and Capable of Achieving Tumor Regression. J Med Chem. 2018 Jan 25;61(2):462-481.

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

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