

## Product Data Sheet

Product Name: Desamino lenalidomide-5-COOH

Cat. No.: GC80982

### Chemical Properties

Cas. No. 2171519-15-4

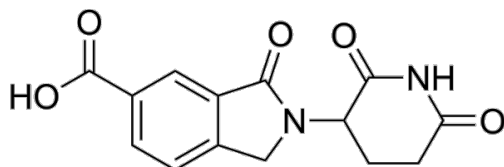
Formula  $C_{14}H_{12}N_2O_5$  M.Wt 288.26

Solubility DMSO: 12.5 mg/mL (43.36 mM); ultrasonic and warming and heat to 60°C) Storage Store at room temperature

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

Desamino lenalidomide-5-COOH is an E3 ubiquitin ligase cereblon (CRBN) ligand used to recruit the cereblon protein. Desamino lenalidomide-5-COOH can be linked to a target protein ligand via a linker to form a PROTAC.

In Vitro, PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-

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

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proteasome system to selectively degrade target proteins.

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