

## Thalidomide-5-CH<sub>2</sub>-NH<sub>2</sub> hydrochloride Biochemical

Thalidomide-5-CH<sub>2</sub>-NH<sub>2</sub> hydrochloride

CATALOG #  
**AAA227415**

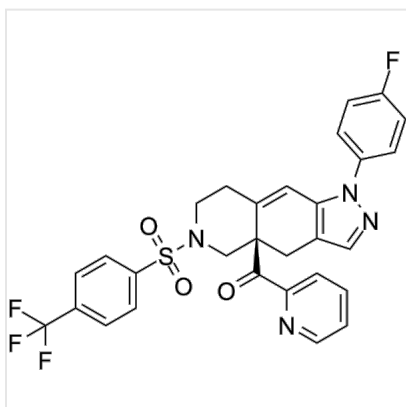
### PRODUCT SYNONYMS

Thalidomide-5-CH<sub>2</sub>-NH<sub>2</sub> hydrochloride; CORT113176; Thalidomide-5-CH<sub>2</sub>-NH<sub>2</sub> hydrochloride biochemical

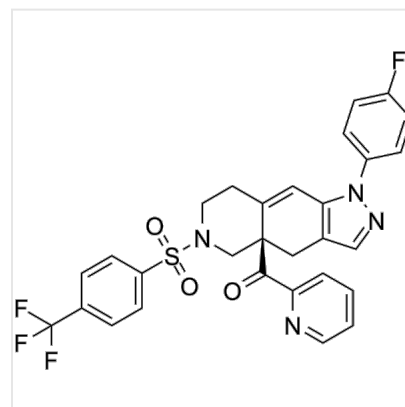
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                                                                                                                                                                                       |
| CAS                     | 1010100-22-7                                                                                                                                                                                                                                              |
| Solubility              | <1mg/ml refers to the product slightly soluble or insoluble                                                                                                                                                                                               |
| 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-proteasome system to selectively degrade target proteins[2]. |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years                                                                                                                                                                                  |

### IMAGES



Structure  
Dazucorilant, CAS 1496508-34-9



Structure  
Dazucorilant, CAS 1496508-34-9

### ADDITIONAL INFORMATION

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| Related Product Information for Thalidomide-5-CH <sub>2</sub> -NH <sub>2</sub> hydrochloride biochemical | Thalidomide-5-CH <sub>2</sub> -NH <sub>2</sub> (hydrochloride) is the Thalidomide-based cereblon ligand used in the recruitment of CRBN protein. Thalidomide-5-CH <sub>2</sub> -NH <sub>2</sub> (hydrochloride) can be connected to the ligand for protein by a linker to form PROTACs.                                                                                                                                                                                                                                                                                                                       |
| References                                                                                               | <ol style="list-style-type: none"> <li>1. Meyer M, et al. The Selective Glucocorticoid Receptor Modulator Cort 113176 Reduces Neurodegeneration and Neuroinflammation in Wobbler Mice Spinal Cord. <i>Neuroscience</i>. 2018;384:384-396.</li> <li>2. Pineau F, et al. New selective glucocorticoid receptor modulators reverse amyloid-beta peptide-induced hippocampus toxicity. <i>Neurobiol Aging</i>. 2016;45:109-122.</li> <li>3. Canet G, et al. Central Role of Glucocorticoid Receptors in Alzheimer's Disease and Depression. <i>Front Neurosci</i>. 2018;12:739. Published 2018 Oct 16.</li> </ol> |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/thalidomide-5-ch2-nh2-hydrochloride/227415>