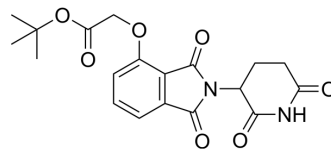


## Thalidomide-4-O-CH<sub>2</sub>-COO(t-Bu)

Cat. No.:	HY-42771
CAS No.:	1950635-36-5
Molecular Formula:	C <sub>19</sub> H <sub>20</sub> N <sub>2</sub> O <sub>7</sub>
Molecular Weight:	388.37
Target:	Ligands for E3 Ligase
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Thalidomide-4-O-CH<sub>2</sub>-COO(t-Bu) is t-Bu modified Thalidomide (HY-14658), which is the final step intermediate in the synthesis of Thalidomide-4-OH (HY-123096). Thalidomide-4-O-CH<sub>2</sub>-COO(t-Bu) acts as a Cereblon ligand to recruit CRBN proteins. The t-Bu protecting group at the end of Thalidomide-4-O-CH<sub>2</sub>-COO(t-Bu) can be removed under acidic conditions to participate in the synthesis of PROTAC molecules. Thalidomide-4-O-CH<sub>2</sub>-COO(t-Bu) is a key intermediate in the synthesis of CRBN-based designed PROTAC molecules.

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

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