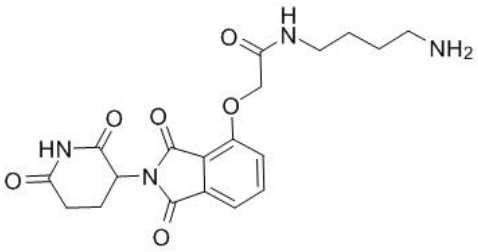
PROTAK™ E3 Ligase Ligand-Linker Conjugates 19

E31P33129

Catalog Number: E31P33129-1,E31P33129-2
Product Name: PROTAK™ E3 Ligase Ligand-Linker Conjugates 19
Amount: 100mg,500mg
CAS No.: 1799711-24-2
Molecular Structure:



Formula: C19H22N4O6
M.W.: 402.4
Solubility: Soluble in DMSO
Storage/Stability: Store at -20° C
Background: E3 Ligase Ligand-Linker Conjugates 19 is a degron-linker. The PROTAC linker is bound lo at least one targeting ligand.
E3 Ligase Ligand-Linker Conjugates 19 is an amine intermediate (Compound 41), which can be used as is a heterobifunctional PROTAC BET degrader. The bromodomain and extra-terminal (BET) family proteins, consisting of BRD2, BRD3, BRD4, and testis-specific BRDT members, are epigenetic "readers" and play a key role in the regulation of gene transcription. BET proteins are considered to be attractive therapeutic targets for cancer and other human diseases. Recently, heterobifunctional small-molecule BET degraders have been designed based upon the proteolysis targeting chimera (PROTAC) concept to induce BET protein degradation[1]. E3 Ligase Ligand-Linker Conjugates 19 is a degron-linker (refer to Compound DL6-TL). Degron-linker-targeting ligand, wherein the linker is covalently bound lo at least one degron and at least one targeting ligand, the degron is a compound capable of binding to an ubiquitin ligase such as an E3 ubiquitin ligase (e g, cereblon), and the targeting ligand is capable of binding to the targeted protein (s). Zhou B, et al.

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