

For Research Use Only

(S,R,S)-AHPC hydrochloride

Catalog Number: CM01473

产品信息

Catalog Number:
CM01473

CAS号:
1448189-80-7

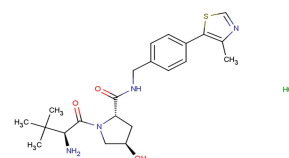
分子式:
 $C_{22}H_{31}ClN_4O_3S$

主要靶点:
Ligand for E3 Ligase|Others

主要通路:
PROTAC|其他

分子量:
467.03

溶解度:
DMSO:10 mM



体外活性

Small molecule-induced protein degradation is an attractive strategy for the development of chemical probes. Protein degraders have the power to abrogate all of the functions of a drug target at once, including scaffolding functions which are difficult to target with small molecule inhibitors. A novel class of PROTACs that incorporate small molecule VHL ligands to successfully degrade HaloTag7 fusion proteins is developed. HaloPROTACs will inspire the development of future PROTACs with more drug-like properties. In HEK 293 cells stably expressing GFP-HaloTag7, 24 hour treatment with HaloPROTAC1 leads to less than 20% degradation, the longer HaloPROTAC2 leads to nearly 70% degradation of GFP-HaloTag7 at 2.5 μ M. HaloPROTACs containing protein degrader 1 leads to nearly 70% degradation of GFP-HaloTag7, when sufficiently long linkers are used.

描述

Protein degrader 1 hydrochloride is a building block in the synthesis of proteolysis-targeting chimera technologies (PROTACs).

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years

For technical support and original validation data for this product please contact

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