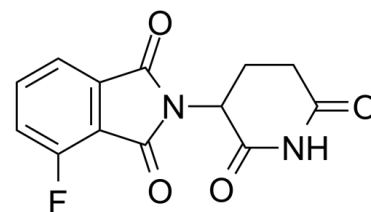


Data Sheet

Product Name:	Thalidomide fluoride
Cat. No.:	CS-B1597
CAS No.:	835616-60-9
Molecular Formula:	C ₁₃ H ₉ FN ₂ O ₄
Molecular Weight:	276.22
Target:	Ligand for E3 Ligase
Pathway:	PROTAC
Solubility:	DMSO : 200 mg/mL (724.06 mM; Need ultrasonic and warming)



BIOLOGICAL ACTIVITY:

Thalidomide fluoride (Cereblon ligand 4) is the Thalidomide-based Cereblon ligand used in the recruitment of CRBN protein. Thalidomide fluoride (Cereblon ligand 4) can be connected to the ligand for IRAK4 protein by a linker to form PROTAC IRAK4 degrader-1 (HY-129966)^[1].

References:

[1]. Nello Mainolfi, et al. Irak degraders and uses thereof. US20190192668A1.

CAIndexNames:

1H-Isoindole-1,3(2H)-dione,2-(2,6-dioxo-3-piperidinyl)-4-fluoro-

SMILES:

O=C1N(C(CC2)C(NC2=O)=O)C(C3=C1C=CC=C3F)=O

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA