

APC-6860 biochemical

APC-6860

CATALOG #
AAA227785

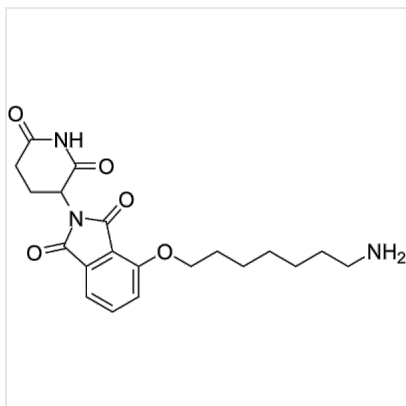
PRODUCT SYNONYMS

APC-6860; APC-6860 biochemical

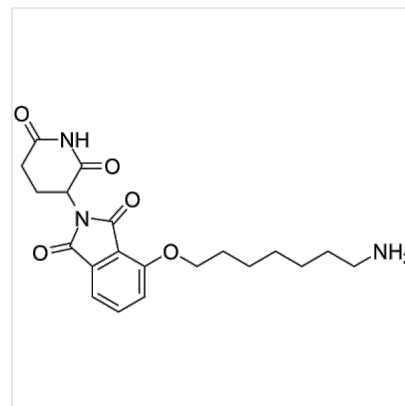
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	154628-42-9
Targets&IC50	Thrombin:20 uM (Ki), murine urokinases:0.082 uM (Ki), Factor Xa:30 uM (Ki), human urokinases:0.1 uM (Ki), uPA:0.21 uM (Ki), tryptase:1.5 uM (Ki), Trypsin:0.44 uM (Ki), tPA:16.8 uM (Ki)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	APC-6860 (compounds 2) inhibits urokinases in MiaPaCa-2 and Lewis Lung Carcinoma cells with IC 50 s of 1.4 and 3.1 uM, respectively[2].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Thalidomide-O-C7-NH₂, CAS 2093536-11-7



Structure
Thalidomide-O-C7-NH₂, CAS 2093536-11-7

ADDITIONAL INFORMATION

Related Product Information for APC-6860 biochemical	APC-6860 is a trypsin-like serine proteases inhibitor with k _i values of 0.21, 0.44, 1.5, 16.8, 20, 30 uM for uPA, trypsin, tryptase, tPA, thrombin and factor Xa, respectively. APC-6860 has a selectivity ratio for tPA versus uPA of 80. APC-6860 has k _i values of 0.1, 0.082 uM for human and murine urokinases, respectively. APC-6860 can be used for the research of cancer.
References	1. Sato T, et al. Cereblon-Based Small-Molecule Compounds to Control Neural Stem Cell Proliferation in Regenerative Medicine. Front Cell Dev Biol. 2021;9:629326. Published 2021 Mar 11. 2. Nalawansha DA, et al. PROTACs: An Emerging Therapeutic Modality in Precision Medicine. Cell Chem Biol. 2020;27(8):998-1008.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/biochemical/apc-6860/227785>