

Product Name: hCAII Degradar 11

Catalog No.: 7964

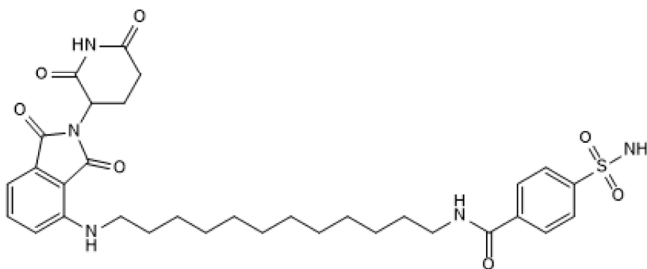
Batch No.: 1

CAS Number: 2892306-56-6

IUPAC Name: 4-(Aminosulfonyl)-N-[12-[[2-(2,6-dioxo-3-piperidiny)-2,3-dihydro-1,3-dioxo-1H-isoindol-4-yl]amino]dodecyl]benzamide

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₃₂H₄₁N₅O₇S.
Batch Molecular Weight: 639.77
Physical Appearance: Yellow solid
Solubility: DMSO to 100 mM
Storage: Store at -20°C
Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 98.0% purity
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	60.08	6.46	10.95
Found	59.14	6.44	10.89

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Description:

hCAII Degrader 11 is a potent human carbonic anhydrase II (hCAII) Degrader (PROTAC[®]; $D_{max} = 100\%$ at 5 nM, $DC_{50} = 0.5$ nM). PROTAC[®] is a registered trademark of Arvinas Operations, Inc., and is used under license. Sold with kind permission of Professor Cohen and Professor Burkart, Department of Chemistry and Biochemistry, University of California, USA.

Physical and Chemical Properties:

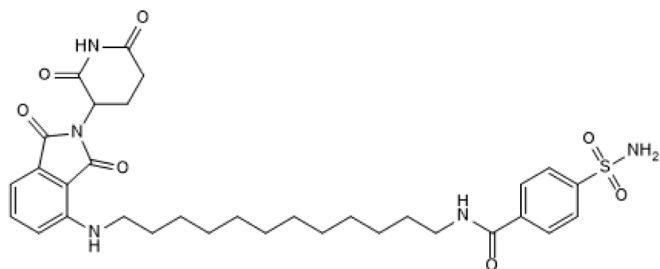
Batch Molecular Formula: $C_{32}H_{41}N_5O_7S$.

Batch Molecular Weight: 639.77

Physical Appearance: Yellow solid

Minimum Purity: ≥98%

Batch Molecular Structure:



References:

O'Herin *et al* (2023) Development of human carbonic anhydrase II heterobifunctional degraders J.Med.Chem. **66** 2789. PMID: 36735827.

Storage: Store at -20°C

Solubility & Usage Info:

DMSO to 100 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. *Unless contradicted by product-specific protocols or instructions, our standard recommendations apply:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

Licensing Information:

Sold with kind permission of Professor Cohen and Professor Burkart

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bio-techne.com

info@bio-techne.com

techsupport@bio-techne.com

North America

Tel: (800) 343 7475

China

info.cn@bio-techne.com

Tel: +86 (21) 52380373

Europe Middle East Africa

Tel: +44 (0)1235 529449

Rest of World

www.tocris.com/distributors

Tel:+1 612 379 2956