

Product Name: TC E3 5032

Catalog No.: 6628

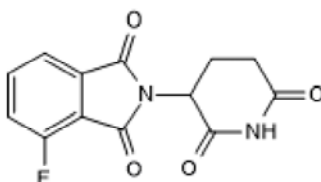
Batch No.: 1

CAS Number: 835616-60-9

IUPAC Name: 2-(2,6-Dioxo-3-piperidinyl)-4-fluoro-1*H*-isoindole-1,3(2*H*)-dione

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₃H₉FN₂O₄
Batch Molecular Weight: 276.22
Physical Appearance: White solid
Storage: Store at +4°C
Batch Molecular Structure:



2. ANALYTICAL DATA

TLC: R_f = 0.35 (Dichloromethane:Methanol [95:5])
HPLC: Shows 99.1% purity
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	56.53	3.28	10.14
Found	56.51	3.37	10.12

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Description:

TC E3 5032 is a functionalized cereblon ligand for PROTAC® research and development. Precursor to Pomalidomide (Cat.No. 6302) -based PROTACs. Incorporates a fluoro leaving group to allow conjugation to amine linker. Part of a range of functionalized tool molecules for PROTAC R&D. PROTAC® is a registered trademark of Arvinas Operations, Inc., and is used under license.

Physical and Chemical Properties:

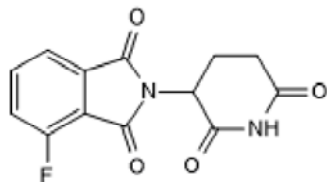
Batch Molecular Formula: C₁₃H₉FN₂O₄

Batch Molecular Weight: 276.22

Physical Appearance: White solid

Minimum Purity: ≥98%

Batch Molecular Structure:



Storage: Store at +4°C

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. Our standard recommendations are:

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.

References:

Remillard *et al* (2017) Degradation of the BAF complex factor BRD9 by heterobifunctional ligands. *Angew.Chem.Int.Ed.Engl.* **56** 5738. PMID: 28418626.

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