1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: $\text{C}_{15}\text{H}_{12}\text{N}_{2}\text{O}_{7}$

Batch Molecular Weight: 332.26

Physical Appearance: Off White solid

Solubility: DMSO to 100 mM

Storage: Store at RT

Batch Molecular Structure:

![Molecular Structure Diagram]

2. ANALYTICAL DATA

HPLC: Shows 99.5% purity

$^1\text{H NMR}$: Consistent with structure

Mass Spectrum: Consistent with structure

Microanalysis:

<table>
<thead>
<tr>
<th></th>
<th>Carbon</th>
<th>Hydrogen</th>
<th>Nitrogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theoretical</td>
<td>54.22</td>
<td>3.64</td>
<td>8.43</td>
</tr>
<tr>
<td>Found</td>
<td>54.32</td>
<td>3.58</td>
<td>8.27</td>
</tr>
</tbody>
</table>

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use
Product Name: TC E3 5031
Catalog No.: 6466
Batch No.: 1

CAS Number: 1061605-21-7
IUPAC Name: 2-[[2-(2,6-Dioxo-3-piperidinyl)-2,3-dihydro-1,3-dioxo-1H-isooindol-4-yl]oxy]acetic acid

Description:
Derivative of Thalidomide (Cat.No. 0652), commonly used as a precursor to PROTAC® that hijacks cereblon as the E3 ubiquitin ligase component. Supplied with a carboxylic acid functional handle at a position known not to significantly affect binding to cereblon, for ready conjugation to a linker/target protein ligand. PROTAC® is a registered trademark of Arvinas Operations, Inc., and is used under license. Require a different derivative? Get in touch.

Physical and Chemical Properties:
Batch Molecular Formula: C_{15}H_{12}N_{2}O_{7}
Batch Molecular Weight: 332.26
Physical Appearance: Off White solid
Minimum Purity: ≥98%

Storage: Store at RT

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. 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: