Product Name: SMER 3
CAS Number: 67200-34-4
IUPAC Name: 9H-Indeno[1,2-e][1,2,5]oxadiazolo[3,4-b]pyrazin-9-one

1. PHYSICAL AND CHEMICAL PROPERTIES

- Batch Molecular Formula: \( \text{C}_{11}\text{H}_4\text{N}_4\text{O}_2 \)
- Batch Molecular Weight: 224.18
- Physical Appearance: Yellow solid
- Solubility: DMSO to 75 mM
- Storage: Store at +4°C

2. ANALYTICAL DATA

- Melting Point: Between 302 - 303°C
- HPLC: Shows 99.2% purity
- Microanalysis:
  
<table>
<thead>
<tr>
<th></th>
<th>Theoretical</th>
<th>Found</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon</td>
<td>58.94</td>
<td>58.93</td>
</tr>
<tr>
<td>Hydrogen</td>
<td>1.8</td>
<td>1.76</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>24.99</td>
<td>24.98</td>
</tr>
</tbody>
</table>
SMER 3 Catalo
No.: 4375 Batch No.: 1
CAS Number: 67200-34-4
IUPAC Name: 9H-Indeno[1,2-e][1,2,5]oxadiazolo[3,4-b]pyrazin-9-one

Description:
Selective inhibitor of a yeast SCF family E3 ubiquitin ligase (SCF<sup>Met30</sup>) in vitro and in vivo. Induces the expression of MET genes; blocks cell proliferation. Enhancer of rapamycin (Cat. No. 1292).

Physical and Chemical Properties:
Batch Molecular Formula: C<sub>11</sub>H<sub>8</sub>N<sub>4</sub>O<sub>2</sub>
Batch Molecular Weight: 224.18
Physical Appearance: Yellow solid
Minimum Purity: >98%

Storage: Store at +4°C

Solubility & Usage Info:
DMSO to 75 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: