Product Name: Golgicide A
Catalog No.: 3584
Batch No.: 1
CAS Number: 1139889-93-2
IUPAC Name: 6,8-Difluoro-4-pyridin-3-yl-3a,4,5,9b-tetrahydro-3H-cyclopenta[c]quinoline

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: \( \text{C}_{17}\text{H}_{14}\text{F}_{2}\text{N}_{2} \)
Batch Molecular Weight: 284.3
Physical Appearance: Off-white solid
Solubility: DMSO to 50 mM
Storage: Store at RT

2. ANALYTICAL DATA

HPLC: Shows 99.4% purity
\(^1\)H NMR: Consistent with structure
Mass Spectrum: Consistent with structure
Microanalysis:

<table>
<thead>
<tr>
<th></th>
<th>Theoretical</th>
<th>Found</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon</td>
<td>71.82</td>
<td>71.64</td>
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<tr>
<td>Hydrogen</td>
<td>4.96</td>
<td>4.97</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>9.85</td>
<td>9.87</td>
</tr>
</tbody>
</table>

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use
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**Description:**
Potent, specific and reversible inhibitor of Golgi BFA resistance factor 1 (GBF1), an ArfGEF, that decreases Arf1 activation in vivo. Arrests secretion of soluble and membrane-associated proteins at the endoplasmic reticulum-Golgi intermediate compartment. Causes disassembly and dispersal of the Golgi and trans-Golgi network.

**Physical and Chemical Properties:**
- **Batch Molecular Formula:** C_{17}H_{15}F_{2}N_{2}
- **Batch Molecular Weight:** 284.3
- **Physical Appearance:** Off-white solid
- **Minimum Purity:** >98%

**Storage:** Store at RT

**Solubility & Usage Info:**
DMSO to 50 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:**

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