

**Product Name:** Golgicide A

**Catalog No.:** 3584

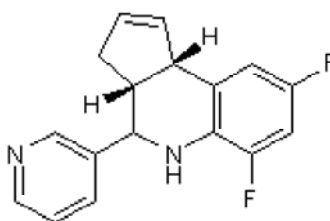
**Batch No.:** 1

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:** C<sub>17</sub>H<sub>14</sub>F<sub>2</sub>N<sub>2</sub>  
**Batch Molecular Weight:** 284.3  
**Physical Appearance:** Off-white solid  
**Solubility:** DMSO to 50 mM  
**Storage:** Store at RT  
**Batch Molecular Structure:**



**2. ANALYTICAL DATA**

**HPLC:** Shows 98.6% purity  
**<sup>1</sup>H NMR:** Consistent with structure  
**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	71.82	4.96	9.85
Found	71.64	4.97	9.87

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**Description:**

Golgicide A is a 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:**

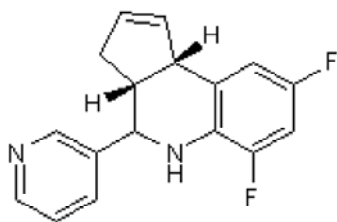
Batch Molecular Formula: C<sub>17</sub>H<sub>14</sub>F<sub>2</sub>N<sub>2</sub>

Batch Molecular Weight: 284.3

Physical Appearance: Off-white solid

**Minimum Purity:** ≥98%

**Batch Molecular Structure:**



**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:**

Saenz *et al* (2008) Golgicide A reveals essential roles for GBF1 in Golgi assembly and function. *Nature Chem.Biol.* **5** 157.

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