

**Product Name:** GSK 2018682

**Catalog No.:** 6709

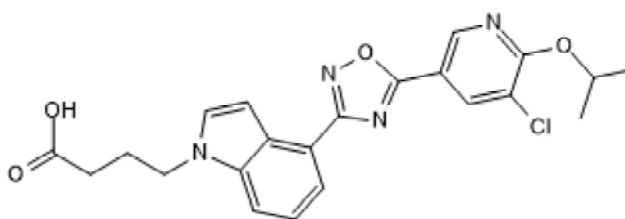
**Batch No.:** 1

CAS Number: 1034688-30-6

IUPAC Name: 4-[5-[5-Chloro-6-(1-methylethoxy)-3-pyridinyl]-1,2,4-oxadiazol-3-yl]-1*H*-indole-1-butanoic acid

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>22</sub>H<sub>21</sub>ClN<sub>4</sub>O<sub>4</sub>  
**Batch Molecular Weight:** 440.88  
**Physical Appearance:** White solid  
**Solubility:** DMSO to 100 mM  
**Storage:** Store at -20°C  
**Batch Molecular Structure:**



**2. ANALYTICAL DATA**

**HPLC:** Shows 98.2% purity  
**<sup>1</sup>H NMR:** Consistent with structure  
**Mass Spectrum:** Consistent with structure

**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	59.93	4.8	12.71
Found	59.77	4.71	12.61

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

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**Description:**

Sphingosine-1-phosphate receptor 1 (S1P<sub>1</sub>) and 5 (S1P<sub>5</sub>) agonist.

**Physical and Chemical Properties:**

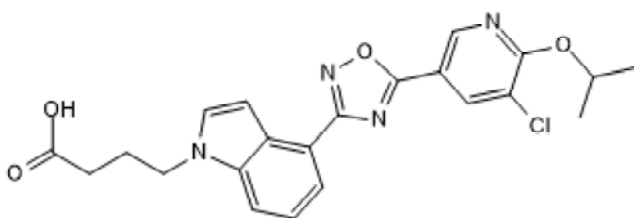
Batch Molecular Formula: C<sub>22</sub>H<sub>21</sub>ClN<sub>4</sub>O<sub>4</sub>

Batch Molecular Weight: 440.88

Physical Appearance: White solid

**Minimum Purity:** >98%

**Batch Molecular Structure:**



**Storage:** Store at -20°C

**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:**

**Subei and Cohen** (2015) Sphingosine 1-phosphate receptor modulators in multiple sclerosis. *CNS.Drugs.* **29** 565. PMID: 26239599.

**Bigaud et al** (2014) Second generation S1P pathway modulators: research strategies and clinical developments. *Biochim.Biophys.Acta.* **1841** 745. PMID: 24239768.

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