

**Product Name:** (S)-ZINC 3573

**Catalog No.:** 6352

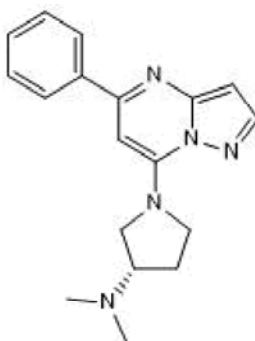
**Batch No.:** 1

CAS Number: 2095596-11-3

IUPAC Name: (3S)-N,N-Dimethyl-1-(5-phenylpyrazolo[1,5-a]pyrimidin-7-yl)-3-pyrrolidinamine

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>18</sub>H<sub>21</sub>N<sub>5</sub>  
**Batch Molecular Weight:** 307.4  
**Physical Appearance:** Off White solid  
**Solubility:** 1eq. HCl to 100 mM  
 DMSO to 100 mM  
 ethanol to 100 mM  
**Storage:** Store at +4°C  
**Batch Molecular Structure:**



**2. ANALYTICAL DATA**

**TLC:** R<sub>f</sub> = 0.49 (Dichloromethane:Methanol [4:1])  
**HPLC:** Shows 99.7% purity  
**Chiral HPLC:** Shows 99.5% purity  
**<sup>1</sup>H NMR:** Consistent with structure  
**Mass Spectrum:** Consistent with structure  
**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	70.33	6.89	22.78
Found	69.98	6.94	22.67

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

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**Description:**

Negative control for (R)-ZINC 3573 (Cat. No. 6351). Displays no activity at MRGPRX2 at concentrations below 100  $\mu$ M.

**Physical and Chemical Properties:**

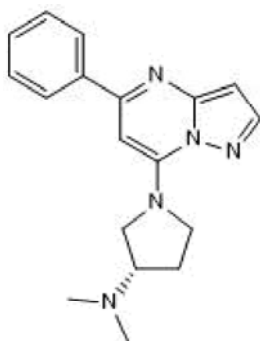
Batch Molecular Formula: C<sub>18</sub>H<sub>21</sub>N<sub>5</sub>

Batch Molecular Weight: 307.4

Physical Appearance: Off White solid

**Minimum Purity:** >98%

**Batch Molecular Structure:**



**Storage:** Store at +4°C

**Solubility & Usage Info:**

1eq. HCl to 100 mM

DMSO to 100 mM

ethanol 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:**

Lansu *et al* (2017) *In silico* design of novel probes for the atypical opioid receptor MRGPRX2. *Nat.Chem.Biol.* **13** 529. PMID: 28288109.

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