

**1. Identification**Catalogue Number

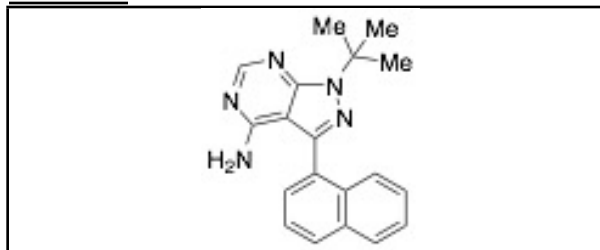
A603004

Lot Number

22-NSR-85-2

Product Name

4-Amino-1-tert-butyl-3-(1'-naphthyl)pyrazolo[3,4-d]pyrimidine

Synonyms1-(1,1-Dimethylethyl)-3-(1-naphthalenyl)-1H-pyrazolo[3,4-d]pyrimidin-4-amine;  
1-NA-PP1;StructureCAS Number

221243-82-9

SolubilityChloroform (Slightly), Methanol  
(Slightly)Shipping ConditionThis Product Is Stable To Be Shipped At Room  
TemperatureMolecular FormulaC<sub>19</sub>H<sub>19</sub>N<sub>5</sub>Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

317.39

Purity

95%

**2. Warnings**

Not Determined

**3. Analytical Information**Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 70.79, %H: 6.07, %N: 20.97

HPLC Purity

Report Result

95.02% (220 nm)

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed.  
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

**4. Signatures**Reviewed by

Sarbjit Kaur

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

4/15/2024

Retest Date

4/13/2028