



Product Information

PDE inhibitor, Win 58237, Purity ≥98%

Cat. No.: X24-09-YM034

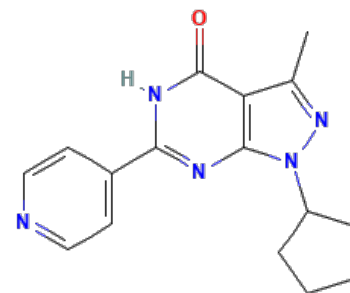
Size: 1 mg; 5 mg; 10 mg; 20 mg

CAS Number: 158001-76-4

Compound CID: 135494251

Synonym: 158001-76-4; Win58237; Win-58237;

1-Cyclopentyl-3-methyl-6-pyridin-4-yl-5*H*-pyrazolo[3,4-*d*]pyrimidin-4-one; PDE inhibitor



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Win 58237 is an effective metabolism inhibitor, that has the ability to prevent the pathway of cell metabolism by inhibiting PDE. The molecular weight of the compound is 295.34, and its molecular formula is C ₁₆ H ₁₇ N ₅ O.
Molecular Weight	295.34
Molecular Formula	C ₁₆ H ₁₇ N ₅ O
IUPAC Name	1-Cyclopentyl-3-methyl-6-pyridin-4-yl-5 <i>H</i> -pyrazolo[3,4- <i>d</i>]pyrimidin-4-one
InChI	InChI=1S/C16H17N5O/c1-10-13-15(21(20-10)12-4-2-3-5-12)18-14(19-16(13)22)11-6-8-17-9-7-11/h6-9,12H,2-5H2,1H3,(H,18,19,22)
InChI Key	GODZWYONGRENHA-UHFFFAOYSA-N
Canonical SMILES	CC1=NN(C2=C1C(=O)NC(=N2)C3=CC=NC=C3)C4CCCC4
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Win 58237 plays a key role in blocking the enzyme that breaks down cyclic GMP, a molecule that enhances blood flow and facilitates erection.
Storage	Store at -20°C, and keep desiccated.