

Analysis Date: 22-09-2025

Re-test Date: 22-09-2028

ISO SILDENAFIL

Identification

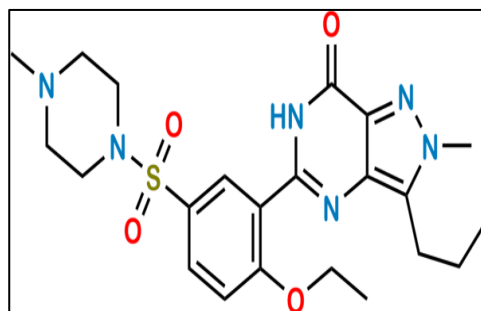
Chemical Name : 5-[2-Ethoxy-5-[(4-methyl-1-piperazinyl)sulfonyl]phenyl]-2,6-dihydro-2-methyl-3-propyl-7H-pyrazolo[4,3-d]pyrimidin-7-one; 1-[[[3-(4,7-Dihydro-2-methyl-7-oxo-3-propyl-2H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxyphenyl]sulfonyl]-4-methylpiperazine;

CAT No : ALL-SILD-59

CAS No : 253178-46-0

Molecular Formula : C₂₂H₃₀N₆O₄S

Molecular Weight : 474.6



Analytical Information

Batch Code	: ALL-SILD-59	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.82%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.620%	¹HNMR	: Confirm
Residue Of Ignition	: 0.578%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.620+0.578) × 98.00]/100 = 96.82%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr.Vipul khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office