

Analysis Date: 22-09-2028

Re-test Date: 22-09-2028

HYDROXYHOMO SILDENAFIL

Identification

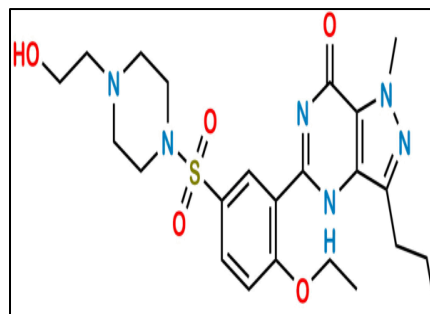
Chemical Name : 5-(2-Ethoxy-5-((4-(2-hydroxyethyl)piperazin-1-yl)sulfonyl)phenyl)-1-methyl-3-propyl-1,4-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one

CAT No : ALL-SILD-42

CAS No : 139755-85-4

Molecular Formula : C₂₃H₃₂N₆O₅S

Molecular Weight : 504.6



Analytical Information

Batch Code : ALL-SILD-42	HPLC Purity : 98.00%
Solubility : MeOH: ACN	Potency : 96.58%
Appearance of Product : Off White Solid	Mass : Confirm
Long Term Storage : 2-8 0C	IR Analysis : Confirm
Weight Loss By TGA : 0.223 %	¹HNMR : Confirm
Residue Of Ignition : 1.214 %	

Additional Information

%Potency = [100 %-(Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 – (0.223+1.214) × 98.00]/100 = 96.58%

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