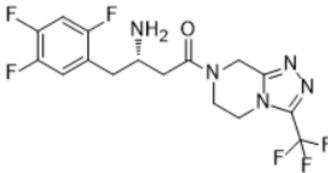




COMMITTED FOR CHEMISTRY

SYNCHEMIA RESEARCH CHEMICAL

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Product Name: Sitagliptin EP Impurity A (SITAGLIPTIN PHOSPHATE S-ENANTIOMER)		
CAS NO: 823817-55-6		
Batch No: SRC-TR-02-050		
Date of Analysis: 09 Feb 2022		
Retest Date: 09 Feb 2024		
Structure:		
		
Chemical Name	(S)-3-amino-1-(3-(trifluoromethyl)-5,6-dihydro-[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl)-4-(2,4,5-trifluorophenyl)butan-1-one	
Molecular Formula	C ₁₆ H ₁₅ F ₆ N ₅ O	
Molecular Weight	407.32 g/mol	
Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol, DMSO
3)	Identification 1. Mass 2. 1H NMR 3. IR	Confirm to structure Confirm to structure Confirm to structure
4)	Purity by HPLC	97.97%
Long Term Storage condition		Store at 2 ^o to 8 ^o c
Shipping Condition		Ambient
Note: This is only for Analytical testing purpose, not for Human or Animal Consumption.		
	Signature	Date
Checked By		
Approved By		

