

Certificate of Analysis

Catalogue Number

KL-02-02654

Lot Number

KLA00172

Product Name

Sitagliptin Ketoamide Impurity

Synonyms

1-[3-(trifluoromethyl)-6,8-dihydro-5H-[1,2,4]triazolo[4,3-a]pyrazin-7-yl]-4-(2,4,5-trifluorophenyl)butane-1,3-dione

CAS Number

764667-65-4

Molecular Formula
 $C_{16}H_{12}F_6N_4O_2$
Molecular Weight

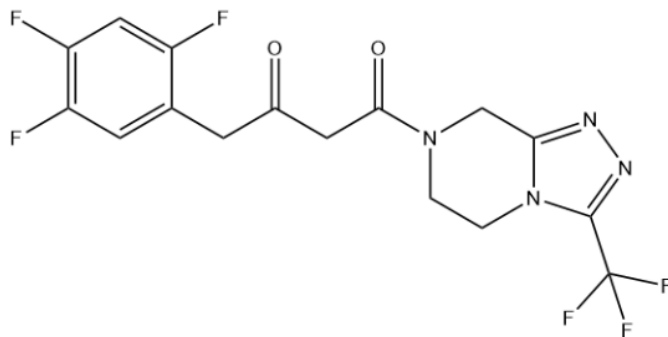
406.28 g/mol

Mfg. Date

02-09-2025

Re-Test Date

01-09-2028

Structure

Shipping Condition

All Product are stable to be shipped at room temperature, unless otherwise specified.

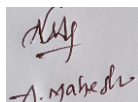
Long Term Storage Conditions

2°C ~ 8°C Protected from light and Sealed

Analytical Information

Test	Specifications	Results
Appearance	White Solid	White Solid
Solubility	Soluble in DMSO, Methanol	Conforms
Purity by HPLC	Not less than 90.00%	98.09%
Identification by ¹ HNMR	Conforms to structure	Complies
Identification by Mass	Conforms Molecular Weight	Complies
Identification by IR	Conform functional groups	Complies
Weight Content By TGA	Not specified	1.404%
Residue of Ignition By TGA	Not specified	5.584%
Potency	Not specified	91.16%

Prepared by



Reviewed & Approved by



Note: Use for research & analytical purpose only. Not for human consumption

Kaaris Research Labs Private Limited, Shed No. 2B at Plot No.22, Road No. 17, IDA, Nacharam, Hyderabad-500 076

sales@kaarislabs.com, www.kaarislabs.com An ISO 9001-2015 Certified Company