



Product Information

Epoxide hydrolase inhibitor, GSK2256294A, Purity $\geq 98\%$

Cat. No.: X24-09-YM645

Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1142090-23-0

Compound CID: 59448236

Synonym: 1142090-23-0; GSK-2256294A; GSK 2256294A; GSK 2256294;

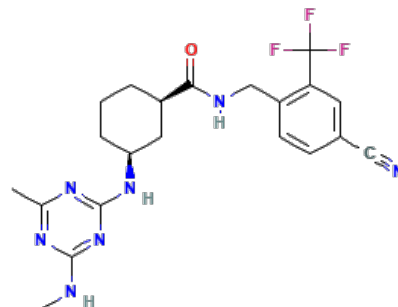
GSK-2256294; GSK2256294;

(1*R*,3*S*)-*N*

-[[4-Cyano-2-(trifluoromethyl)phenyl]methyl]-3-[[4-methyl-6-(methylamino)-1,3,5-triazin

-2-yl]amino]cyclohexane-1-carboxamide; Epoxide hydrolase inhibitor

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



Product Information

Description	GSK2256294A is an effective metabolism inhibitor, that has the ability to prevent the pathway of cell metabolism by inhibiting epoxide hydrolase. The molecular weight of the compound is 447.46, and its molecular formula is C ₂₁ H ₂₄ F ₃ N ₇ O.
Molecular Weight	447.46
Molecular Formula	C ₂₁ H ₂₄ F ₃ N ₇ O
IUPAC Name	(1 <i>R</i> ,3 <i>S</i>)- <i>N</i> -[[[4-Cyano-2-(trifluoromethyl)phenyl]methyl]-3-[[4-methyl-6-(methylamino)-1,3,5-triazin-2-yl]amino]cyclohexane-1-carboxamide
InChI	InChI=1S/C21H24F3N7O/c1-12-28-19(26-2)31-20(29-12)30-16-5-3-4-14(9-16)18(32)27-11-15-7-6-13(10-25)8-17(15)21(22,23)24/h6-8,14,16H,3-5,9,11H2,1-2H3,(H,27,32)(H2,26,28,29,30,31)/t14-,16+/m1/s1
InChI Key	LQHDJQIMETZMPH-ZBFHGGJFSA-N
Canonical SMILES	CC1=NC(=NC(=N1)NC2CCCC(C2)C(=O)NCC3=C(C=C(C=C3)C#N)C(F)(F)F)NC
Form	Lyophilized powder
Purity	$\geq 98\%$
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	GSK2256294A can be studied extensively for its potential therapeutic applications in the treatment of cancer and neurodegenerative diseases by altering O-GlcNAcylation patterns.
Storage	Store at -20°C, and keep desiccated.
