

Product Information

ACLY inhibitor, NDI-091143, Purity ≥98%

Cat. No.: X24-09-YM562

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

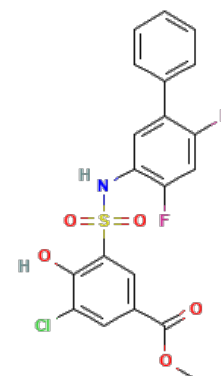
MDL: MFCD32644582

CAS Number: 2375840-87-0

Compound CID: 137796782

Synonym: 2375840-87-0; NDI091143; NDI 091143; Methyl

3-chloro-5-[(2,4-difluoro-5-phenylphenyl)sulfamoyl]-4-hydroxybenzoate; ACLY inhibitor



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

Product Information

Description	NDI-091143 is an effective metabolism inhibitor, that has the ability to prevent the pathway of cell metabolism by inhibiting ACLY. The molecular weight of the compound is 453.84, and its molecular formula is C ₂₀ H ₁₄ ClF ₂ NO ₅ S.
Molecular Weight	453.84
Molecular Formula	C ₂₀ H ₁₄ ClF ₂ NO ₅ S
IUPAC Name	Methyl 3-chloro-5-[(2,4-difluoro-5-phenylphenyl)sulfamoyl]-4-hydroxybenzoate
InChI	InChI=1S/C20H14ClF2NO5S/c1-29-20(26)12-7-14(21)19(25)18(8-12)30(27,28)24-17-9-13(15(22)10-16(17)23)11-5-3-2-4-6-11/h2-10,24-25H,1H3
InChI Key	YSTSHUWHIDBZAK-UHFFFAOYSA-N
Canonical SMILES	COC(=O)C1=CC(=C(C(=C1)Cl)O)S(=O)(=O)NC2=C(C=C(C(=C2)C3=CC=CC=C3)F)F
Form	Lyophilized powder
Purity	≥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	NDI-091143 can be studied extensively for its potential therapeutic applications in the treatment of type 2 diabetes and obesity, aiming to enhance insulin sensitivity and reduce blood glucose levels.
Storage	Store at -20°C, and keep desiccated.



CD BioGlyco

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA

Tel: 1-631-637-6119 | Email: info@bioglyco.com
