



Product Information

PPAR inhibitor, GSK 0660, Purity $\geq 98\%$

Cat. No.: X24-08-YM434

Size: 10 mg; 25 mg; 50 mg; 100 mg

MDL: MFCD12828770

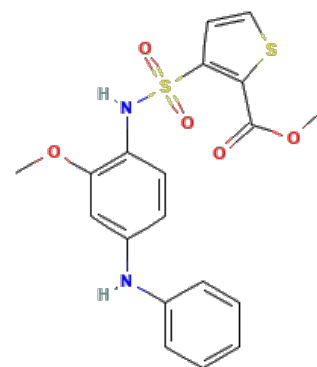
CAS Number: 1014691-61-2

Compound CID: 46233311

Synonym: 1014691-61-2; GSK-0660; GSK0660; Methyl

3-[(4-anilino-2-methoxyphenyl)sulfamoyl]thiophene-2-carboxylate

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



Product Information

Description	GSK 0660, soluble in DMSO and insoluble in water and ethanol, is an effective cell metabolism inhibitor, that has the ability to prevent the pathway of metabolism by inhibiting PPAR.
Molecular Weight	418.49
Molecular Formula	C ₁₉ H ₁₈ N ₂ O ₅ S ₂
IUPAC Name	Methyl 3-[(4-anilino-2-methoxyphenyl)sulfamoyl]thiophene-2-carboxylate
InChI	InChI=1S/C19H18N2O5S2/c1-25-16-12-14(20-13-6-4-3-5-7-13)8-9-15(16)21-28(23,24)17-10-11-27-18(17)19(22)26-2/h3-12,20-21H,1-2H3
InChI Key	DAYKLWSKQJBGCS-NRFANRHFSA-N
Canonical SMILES	CC1=C(N=C(O1)C2=CC=CC=C2)CCOC3=C4C=CSC4=C(C=C3)CC(C(=O)O)OC
Isomeric SMILES	CC1=C(N=C(O1)C2=CC=CC=C2)CCOC3=C4C=CSC4=C(C=C3)C[C@@H](C(=O)O)OC
Form	Lyophilized powder
Purity	$\geq 98\%$
Titer	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects
Solubility	<i>In vitro</i> : DMSO: 73 mg/mL (174.44 mM); Water: insoluble; Ethanol: insoluble
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	GSK 0660 is a metabolism inhibitor that plays a key role in research to understand the role of PPAR γ in metabolic diseases and to investigate potential therapeutic targets for conditions like type 2 diabetes and metabolic syndrome.
Storage	Store at -20°C, and keep desiccated.



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