

Product Information

AKOS B018304, Purity \geq 98%

Cat. No.: X24-09-YM1437

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

MDL: MFCD04969015

CAS Number: 6308-22-1

Compound CID: 1380748

Synonym: 6308-22-1; AKOS-B018304; AKOSB018304;

(5E)-5-[(2-Nitrophenyl)methylidene]-2-sulfanylidene-1,3-thiazolidin-4-one



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

Product Information

Description	AKOS B018304 is an arylalkylidene derivative, with polar substitution at para-position. The molecular weight of the compound is 266.3, and its molecular formula is C ₁₀ H ₆ N ₂ O ₃ S ₂ .
Molecular Weight	266.3
Molecular Formula	C ₁₀ H ₆ N ₂ O ₃ S ₂
IUPAC Name	(5E)-5-[(2-Nitrophenyl)methylidene]-2-sulfanylidene-1,3-thiazolidin-4-one
InChI	InChI=1S/C10H6N2O3S2/c13-9-8(17-10(16)11-9)5-6-3-1-2-4-7(6)12(14)15/h1-5H,(H,11,13,16)/b8-5+
InChI Key	CTTRUEBEEFZQBL-VMPITWQZSA-N
Canonical SMILES	C1=CC=C(C(=C1)C=C2C(=O)NC(=S)S2)[N+](=O)[O-]
Isomeric SMILES	COC1=CC2=C(C=CN=C2C=C1)C(=O)CC[C@@H]3CCNC[C@@H]3C=C
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	AKOS B018304 can be studied extensively for its potential therapeutic applications in the treatment of specific cancers or infectious diseases.
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
