

CE-123

5-(benzhydrylsulfinylmethyl)-1,3-thiazole | CAS 1879038-73-9

Product identification

Product name	CE-123
Chemical name	5-(benzhydrylsulfinylmethyl)-1,3-thiazole
CAS number	1879038-73-9
PubChem CID	118871455
Molecular formula	C17H15NOS2
Molecular weight	313.4 g/mol
InChIKey	VBBBWHDWYLUSEL-UHFFFAOYSA-N
Canonical / reference SMILES	<chem>C1=CC=C(C=C1)C(C2=CC=CC=C2)S(=O)CC3=CN=CS3</chem>
Material type	Chemical reference material / technical compound

Material description

CE-123 is a thiazole sulfoxide derivative supplied as a chemical reference material / technical compound. The identity data support laboratory identification, documentation and analytical comparison.

Intended use

For laboratory, analytical, chemical and method-development applications. Not for human or animal consumption. Not intended for food, supplement, cosmetic, medical, diagnostic or therapeutic use.

Reference characteristics

Structural class	Thiazole sulfoxide derivative
Typical physical form	Solid / powder
Storage guidance	Keep tightly closed, dry and protected from light; follow lot-specific supplier storage information.

Analytical use and traceability

Lot-specific purity, water content, residual solvents and analytical acceptance criteria must be taken from applicable supplier documentation or a certificate of analysis; they are not inferred by this datasheet.

Safety note

No harmonised CLP classification is assigned here solely from the identity record. Toxicological data for research material may be incomplete; use standard laboratory controls. Consult the applicable Safety Data Sheet before handling.

Identity verification note

Identity verified against PubChem CID 118871455. This record represents CE-123 without specified sulfoxide stereochemistry; the S-isomer is a separate PubChem record (CID 139577498, CAS 2378384-49-5).

Document control

Document	Rexar Technical Compound Datasheet
----------	------------------------------------

Revision	10 September 2026
Status	Reference information; not a certificate of analysis

Disclaimer

This document is provided for chemical identification and laboratory reference purposes. It does not certify batch purity or replace lot-specific analytical documentation. Users remain responsible for suitability, regulatory status and safe handling.