

Bemethyl HBr

2-ethylsulfanyl-1H-benzimidazole hydrobromide | CAS 109628-14-0

Product identification

Product name	Bemethyl HBr
Chemical name	2-ethylsulfanyl-1H-benzimidazole hydrobromide
CAS number	109628-14-0
PubChem CID	9816609
Molecular formula	C ₉ H ₁₁ BrN ₂ S
Molecular weight	259.17 g/mol
InChIKey	BKUKXOMYGPYFJJ-UHFFFAOYSA-N
Canonical / reference SMILES	<chem>CCSC1=NC2=CC=CC=C2N1.Br</chem>
Material type	Chemical reference material / technical compound

Material description

Bemethyl HBr is a benzimidazole hydrobromide salt supplied by Rexar 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	Benzimidazole hydrobromide salt
Typical physical form	Solid / powder
Storage guidance	Keep tightly closed, dry and protected from excessive heat and moisture; 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 the applicable supplier documentation or certificate of analysis; they are not inferred by this datasheet.

Safety note

No harmonised CLP classification is asserted in this Rexar document from identity information alone. Toxicological data may be incomplete; minimise dust and use normal laboratory PPE. Consult the applicable Safety Data Sheet before handling.

Identity verification note

Hydrobromide identity verified against PubChem CID 9816609 and CAS Common Chemistry: CAS 109628-14-0, C₉H₁₁BrN₂S, 259.17 g/mol and InChIKey BKUKXOMYGPYFJJ-UHFFFAOYSA-N.

Document control

Document	Rexar Technical Compound Datasheet
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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.