

GTS-21

3-(2,4-dimethoxybenzylidene)anabaseine | CAS 156223-05-1

Product identification

Product name	GTS-21
Chemical name	3-(2,4-dimethoxybenzylidene)anabaseine
CAS number	156223-05-1
PubChem CID	—
Molecular formula	C ₁₉ H ₂₀ N ₂ O ₂
Molecular weight	308.38 g/mol
InChIKey	—
Canonical / reference SMILES	—
Material type	Chemical reference material / technical compound

Material description

GTS-21 is a anabaseine-derived research compound 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	Anabaseine-derived research compound
Typical physical form	Solid / powder
Storage guidance	Keep tightly closed, dry and protected from light; follow lot-specific supplier documentation.

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 from identity information alone. Toxicological data for research material may be incomplete; use standard laboratory controls. Consult the applicable Safety Data Sheet before handling.

Identity verification note

Catalog identity retained as GTS-21 / DMXB-A. Salt and free-base forms can have different identifiers; lot-specific supplier identity should control where a salt form is supplied.

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.