

Product Information

Antifection inhibitor TCMTB, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ182

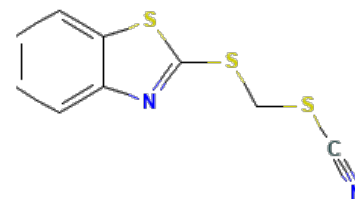
Size: 100 mg; 500 mg

CAS Number: 21564-17-0

Compound CID: 30692

Synonym: 21564-17-0; Antifection inhibitor

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



Product Information

Description	TCMTB has strong immunosuppressant properties.
Molecular Weight	238.34
Molecular Formula	C ₉ H ₆ N ₂ S ₃
IUPAC Name	1,3-Benzothiazol-2-ylsulfanylmethyl thiocyanate
InChI	InChI=1S/C9H6N2S3/c10-5-12-6-13-9-11-7-3-1-2-4-8(7)14-9/h1-4H,6H2
InChI Key	TUBQDCKAWGHZPF-UHFFFAOYSA-N
Canonical SMILES	C1=CC=C2C(=C1)N=C(S2)SCSC#N
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	TCMTB is analyzed for its antimicrobial properties, aiming to inhibit bacterial and fungal growth.
Storage	Store at -20°C, and keep desiccated.