



Specification

Thiazolyl Blue Tetrazolium Bromide

Catalog Number: TB1006
CAS Number: 298-93-1
Synonym(s): 3-(4,5-Dimethyl-2-thiazolyl)-2,5-diphenyl-2H-tetrazolium bromide, MTT, Methylthiazolyldiphenyl-tetrazolium bromide
Molecular Formula: $C_{18}H_{16}BrN_5S$
Molecular Weight: 414.32
Storage: 2°C – 8°C
Retest Date: Five years after date of manufacture.

Test	Specification
Appearance	Yellow to orange powder
Assay	≥ 98%
Identification (UV)	To pass test
Solubility (5mg/mL, H ₂ O)	Yellow to very dark yellow or yellow green

Approved by:

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