

neoFroxx GmbH

Marie-Curie-Str. 3
64683 Einhausen
+49 6251 989 240
coa@neofroxx.com
www.neofroxx.com

Specification

Product	Thiazolyl blue tetrazolium bromide (MTT) for biochemistry
Product number	1334
Synonyms	MTT, Methylthiazolyldiphenyl-tetrazolium bromide
Formula	C ₁₈ H ₁₆ BrN ₅ S
Molecular weight	414.33 g/mol
CAS number	298-93-1
Storage	2 - 8°C
Retest period (months)	60
Parameter	Specification
Assay (titr.)	>= 98 %
Specific extinction E (1 % / 1 cm)	>= 480
Absorption maxima λ _{max} . (water)	239 - 247 nm
Solubility (5 % in methanol)	clear solution
Melting point	192 - 210°C

Einhausen, 06.06.2024