

Product Datasheet

GE7230 - ABTS

Pictograms



Product Details

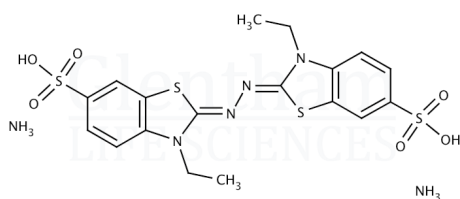
Product Name	ABTS
Glenthams Code	GE7230
CAS Number	30931-67-0
EINECS	250-396-6
MDL-Nummer	MFCD00010404
PubChem SID	310265260
Related Categories	Biochemicals, Enzyme Substrates

Glenthams Product Specification

Physical Description	: Light-yellow to green powder
Identification (IR)	: To conform to standard
Solubility (1% in water)	: Clear to faintly turbid, faint yellow to green solution
Water (KF)	: ≤ 6.0%
Assay (Titration)	: ≥ 98.0% (anhydrous basis)
Version	: v1.2

Structure

Molecular Weight	: 548.68
Molecular Formula	: $C_{18}H_{24}N_6O_6S_4$



About ABTS

ABTS is a colorimetric substrate used to study the reaction kinetics of enzymes. It is commonly used as a peroxidase substrate and in ELISA experiments. It also has applications in functional food analysis by determining the antioxidant capacity of food products.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Irr. 2A
Signal Word	Achtung
Hazard Codes	H315, H336, H335, H319
Precautionary Codes	P280, P261, P302+P352, P305+P351+P338

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