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Product Datasheet

Lipoic acid (DL, alpha) FBM-10-5094

Artikelname	Lipoic acid (DL, alpha)
Artikelnummer	FBM-10-5094
Hersteller Artikelnummer	10-5094
Alternativnummer	FBM-10-5094-5G,FBM-10-5094-25G
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Endogenous antioxidant and cofactor...
Molekulargewicht	206.32
Reinheit	>98% by TLC NMR (Conforms)
Formulierung	Pale-yellow solid
CAS Nummer	[1077-28-7]
Formel	C8H14O2S2
Anwendungsbeschreibung	Endogenous antioxidant. ^{1,2} Treatment with alpha-lipoic acid increased hepatic nuclear Nrf2 levels, induced Nrf2-mediated gene transcription, and reversed age-related decline in hepatic glutathione levels in a rat model. ³ It is an essential cofactor required for catalysis by multiple mitochondrial enzymes including pyruvate dehydrogenase, alpha-ketoglutarate dehydrogenase and branched-chain ketoacid dehydrogenase among others. ⁴ It has shown efficacy as a treatment in diabetic neuropathy. ⁵