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Product Datasheet

SNAP, CAS [[79032-48-7]]

FBM-10-2579

Artikelname	SNAP, CAS [[79032-48-7]]
Artikelnummer	FBM-10-2579
Hersteller Artikelnummer	10-2579
Alternativnummer	FBM-10-2579-10MG,FBM-10-2579-50MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	NO donor...
Molekulargewicht	220.24
Reinheit	>98% NMR (Conforms)
Formulierung	Green solid
CAS Nummer	[79032-48-7]
Formel	C7H12N2O4S
Anwendungsbeschreibung	SNAP (79032-48-7) is a stable S-nitroso compound which can be used as a nitric oxide (NO) donor in biological experiments. Its half-life for release of NO in aqueous solutions at pH 7 is 5 hours.¹ A comprehensive study on its stability in various physiological contexts has been published.² In the cardiovascular system SNAP induces vasodilation without inducing tolerance (unlike nitroglycerin).³ In cortical neurons it displays a protective effect after serum deprivation.⁴ It reverses temozolomide resistance in human glioblastoma.⁵ It is a useful agent for studying physiological and pharmacological actions of nitric oxide.