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Product Datasheet

SNAP, CAS [[79032-48-7]] FBM-10-2579

Article Name	SNAP, CAS [[79032-48-7]]
Biozol Catalog Number	FBM-10-2579
Supplier Catalog Number	10-2579
Alternative Catalog Number	FBM-10-2579-10MG,FBM-10-2579-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	NO donor...
Molecular Weight	220.24
Purity	>98% NMR (Conforms)
Form	Green solid
CAS Number	[79032-48-7]
Formula	C7H12N2O4S
Application Notes	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.