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Product Datasheet

N6022, CAS [[1208315-24-5]] FBM-10-4103

Article Name	N6022, CAS [[1208315-24-5]]
Biozol Catalog Number	FBM-10-4103
Supplier Catalog Number	10-4103
Alternative Catalog Number	FBM-10-4103-5MG, FBM-10-4103-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	S-Nitrosogluthione reductase inhibitor...
Molecular Weight	414.46
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1208315-24-5]
Formula	C24H22N4O3
Application Notes	N6022 is a potent and reversible inhibitor of S-nitrosogluthione reductase (GSNOR) - IC50 = 20 nM1, 8 nM2. It demonstrated significant efficacy in a mouse models of ovalbumin-induced asthma, chronic obstructive pulmonary disease, and irritable bowel syndrome. N6022 was able to attenuate experimental autoimmune encephalomyelitis (an animal model of multiple sclerosis) via selective inhibition of pro-inflammatory CD4+ cells (TH1/TH17) while upregulating anti-inflammatory subsets of CD4+ cells (TH2/Treg) without causing lymphopenia. ³