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## Product Datasheet

### SSAA09E1, CAS [[433212-75-0]]

### FBM-10-5075

Article Name	SSAA09E1, CAS [[433212-75-0]]
Biozol Catalog Number	FBM-10-5075
Supplier Catalog Number	10-5075
Alternative Catalog Number	FBM-10-5075-5MG, FBM-10-5075-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	SARS-CoV viral entry inhibitor...
Molecular Weight	199.29
Purity	>98% by TLC NMR (Conforms)
Form	Beige solid
CAS Number	[433212-75-0]
Formula	C7H9N3S2
Application Notes	SSAA09E1 (433212-75-0) is an inhibitor of SARS coronavirus (SARS-CoV) replication by blocking viral entry (EC50=6.7mM). SSAA09E1 was discovered by screening a chemical library for blocking of entry of HIV-1 pseudotyped with SARS-CoV surface glycoprotein S. The compound acts via inhibition of cathepsin L (IC50=5.33 mM), a host protease required for processing of SARS-S during viral entry. Cathepsin B is not inhibited. <sup>1</sup> The compound was also shown to inhibit tyrosinase (IC50=0.14 mM). <sup>2</sup>