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## Product Datasheet

### SSAA09E1 FBM-10-5075

Artikelname	SSAA09E1
Artikelnummer	FBM-10-5075
Hersteller Artikelnummer	10-5075
Alternativnummer	FBM-10-5075-5MG,FBM-10-5075-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	SARS-CoV viral entry inhibitor...
Molekulargewicht	199.29
Reinheit	>98% by TLC NMR (Conforms)
Formulierung	Beige solid
CAS Nummer	[433212-75-0]
Formel	C7H9N3S2
Anwendungsbeschreibung	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>