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## Product Datasheet

### Sinefungin, CAS [[58944-73-3]]

### FBM-10-2454

Article Name	Sinefungin, CAS [[58944-73-3]]
Biozol Catalog Number	FBM-10-2454
Supplier Catalog Number	10-2454
Alternative Catalog Number	FBM-10-2454-1MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Methyltransferase inhibitor...
Molecular Weight	381.39
Purity	>98% by HPLC NMR (Conforms)
Form	Tan solid
CAS Number	[58944-73-3]
Formula	C15H23N7O5
Application Notes	Nucleoside S-adenosyl-1-methionine analog. Potent, competitive methyltransferase (protein, DNA, and RNA methyltransferases) inhibitor <sup>1,2</sup> . IC <sub>50</sub> < 1.0 and 2.5 µM for PRMT1 and SET7/9, respectively <sup>3</sup> . Binds with greater affinity to the adenine-specific DNA methyltransferase M.TaqI than S-adenosyl-L-homocysteine <sup>4</sup> . Inhibits biofilm formation by <i>Streptococcus pneumoniae</i> <sup>5</sup> .