

Product Name:	Sinefungin
Product Number:	S069
CAS Number:	58944-73-3
Molecular Formula:	$C_{15}H_{23}N_7O_5$
Molecular Weight:	381.4
Appearance:	White solid
Storage Conditions:	-20°C
Description:	<p>Sinefungin, a polar nucleoside antifungal active with broad biological activity, was isolated from a number of species of <i>Streptomyces</i> in the early 1970s. Sinefungin is widely used as a bioprobe to block methyltransferase-dependent pathways.</p> <p>Sinefungin is soluble in ethanol, methanol, DMF and DMSO.</p>
Mechanism of Action:	<p>Sinefungin acts by inhibiting a wide range of methyltransferases, including the methylation of bases in DNA and RNA which alters cytosine deamination and gene expression.</p>

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