# Sinefungin

## Methyltransferase inhibitor

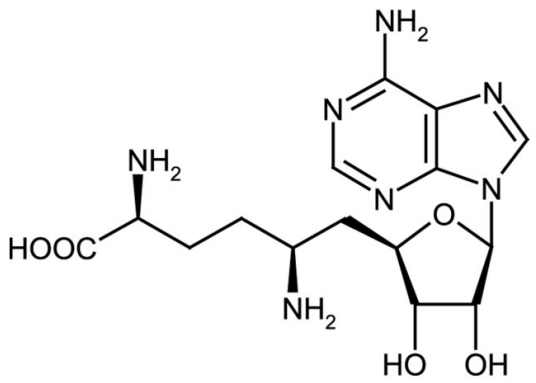
Strong competitive inhibitor of methyltransferases which uses S-adenosyl-1-methionine as the methyl group donor to yield methylated products such as 5-methylcytosine or $N^6$-methyl adenosine on DNA and RNA. In addition, sinefungin is involved in a number of physiological processes.

**Citations:** 11 View Online »

## Ordering Information Order Online »

| | |
|---|---|
| **ALX-380-070-M001** | 1mg |
| **ALX-380-070-M005** | 5mg |

## Manuals, SDS & CofA View Online »


NH2
N
N
N
N
NH2
HOOC
NH2
O
HO
OH

## Handling & Storage

| | |
|---|---|
| **Use/Stability** | As indicated on product label or CoA when stored as recommended. |
| **Handling** | Keep under nitrogen. Packaged under nitrogen. Protect from light. Very hygroscopic. |
| **Long Term Storage** | -20°C |
| **Shipping** | Ambient Temperature |

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Alternative Name** | 6,9-Diamino-1-(6-amino-9H-purin-9-yl)-1,5,6,7,8,9-hexadeoxy-D-glycero-α-L-talo-decafuranuronic acid, A-9145, Adenosylornithine |
| **Appearance** | White to yellow powder. |
| **CAS** | 58944-73-3 |
| **Couple Target** | Methyltransferase |
| **Couple Type** | Inhibitor |
| **Formula** | $C_{15}H_{23}N_7O_5$ |
| **MI** | **14:** 8544 |
| **MW** | 381.4 |
| **Purity** | ≥95% (HPLC) |
| **RTECS** | HE3140000 |
| **Solubility** | Soluble in water. |

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