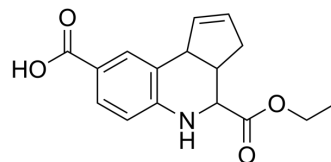


DAM-IN-1

Cat. No.:	HY-W436424
CAS No.:	935279-95-1
Molecular Formula:	C ₁₆ H ₁₇ NO ₄
Molecular Weight:	287.31
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	DMA-IN-1 is a DNA adenine methyltransferase (DAM) inhibitor, IC ₅₀ : 48 μM. DMA-IN-1 inhibits Caulobacter growth with an MIC of 35 μM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 48 μM (DNA adenine methyltransferase, DAM) ^[1]

REFERENCES

[1]. Mashhoon N, et al. Selective inhibitors of bacterial DNA adenine methyltransferases. J Biomol Screen. 2006 Aug;11(5):497-510.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA