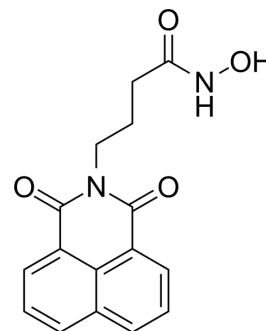


Nullscript

Cat. No.:	HY-118421
CAS No.:	300816-11-9
Molecular Formula:	C ₁₆ H ₁₄ N ₂ O ₄
Molecular Weight:	298.29
Target:	Parasite; HDAC
Pathway:	Anti-infection; Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Nullscript is a negative control for Scriptaid. Nullscript is a known inactive analog of Scriptaid^[1]. Scriptaid is a representative HDAC inhibitor^[2]. Nullscript inhibits *Cryptosporidium* (*C. parvum*) growth with the IC₅₀ value of 2.1 μM^[3].

REFERENCES

- [1]. Min Tong, et al. Histone deacetylase inhibitors and transforming growth factor-beta induce 15-hydroxyprostaglandin dehydrogenase expression in human lung adenocarcinoma cells. *Biochem Pharmacol.* 2006 Sep 14;72(6):701-9.
- [2]. Judith Clancy Keen, et al. A novel histone deacetylase inhibitor, scriptaid, enhances expression of functional estrogen receptor alpha (ER) in ER negative human breast cancer cells in combination with 5-aza 2'-deoxycytidine. *Breast Cancer Res Treat.* 2003
- [3]. Fumi Murakoshi, et al. Nullscript inhibits *Cryptosporidium* and *Toxoplasma* growth. *Int J Parasitol Drugs Drug Resist.* 2020 Dec;14:159-166.

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