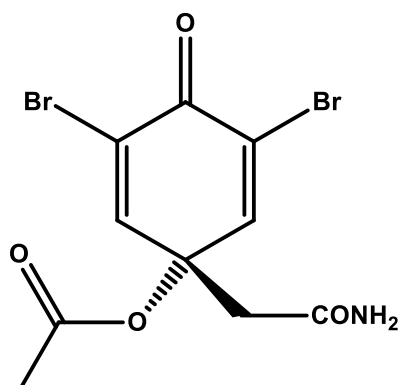


Product Data Sheet

Acetyl verongiaquinol



General description	Acetyl verongiaquinol is a semi synthetic derivative of the secondary metabolite Verongiaquinol from the marine sponge <i>Aplysina aerophoba</i> .
Specific biological description	<ul style="list-style-type: none">• cytotoxic effect against HeLa cells (EC₅₀: 0.6 – 2.5 µM)• acts antibacterial against <i>B. subtilis</i>
Purity	> 99 % (HPLC)
Appearance	solid

Product properties

Chemical name (IUPAC)	4-acetoxy-2,6-dibromo-4-carbamoylmethylcyclohexa-2,5-dien-1-one
Molecular formula	C ₁₀ H ₉ Br ₂ NO ₄
Molecular weight	366.99 g/mol
CAS Number	153535-66-1
PubChem CID	-
SMILES	CC(=O)OC1(CC(N)=O)C=C(Br)C(=O)C(=C1)Br
Solubility	chloroform, DMSO
Source	<i>Aplysina aerophoba</i> , semi synthetic

„Squeeze the sponge’s full potential“



Product notes

Long term storage	-20 °C (protected from moisture)
Handling	Prepared solutions need to be stored in tightly sealed vials at -20 °C.

THIS PRODUCT IS FOR RESEARCH USE ONLY AND IS NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS.

Product literature references

[1] R. Teeyapant, H. J. Woerdenbag, P. Kreis, J. Hacker, V. Wray, L. Witte, P. Proksch *Z. Naturforsch.* **1993**, *48c*, 939.