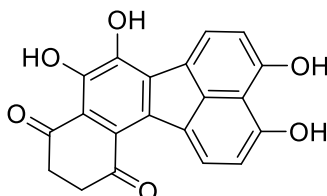


## Hortein

Code No.: **BIA-H2558**

Pack sizes: **1 mg, 5 mg**



Synonyms : 3,4,7,8-Tetrahydroxy-10,11-dihydrobenzo[*jj*]fluoranthene-9,12-dione

## Specifications

CAS #	: <b>346610-88-6</b>
Molecular Formula	: <b>C<sub>20</sub>H<sub>12</sub>O<sub>6</sub></b>
Molecular Weight	: <b>348.31</b>
Source	: <b>Unidentified fungus</b>
Appearance	: <b>Brown solid</b>
Purity	: <b>&gt;95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: <b>Soluble in methanol or DMSO</b>

## Application Notes

Hortein was first reported by Proksch and co-workers at Heinrich-Heine-Universität Düsseldorf in 2001. Hortein is produced by the marine fungus *Hortea weneckii* and features an unusual acenaphtho[1*ϕ*,2*ϕ*:7,8]naphthalene ring system not previously found in natural products. Hortein did not display antibacterial or insecticidal activity but has otherwise not been explored.

## References

1. Hortein, a new natural product from the fungus *Hortaea weneckii* associated with the sponge *Aplysina aerophoba*. Brauers G. et al. *J Nat Prod* 2001, 64, 651-652.