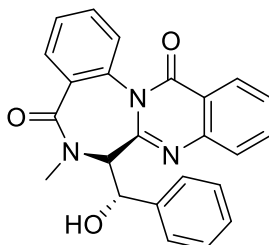


Epibenzomalvin E

Code No.: **BIA-E2360**

Pack sizes: **0.5 mg, 2.5 mg**



Synonyms :

Specifications

CAS #	: NA
Molecular Formula	: C₂₄H₁₉N₃O₃
Molecular Weight	: 397.4
Source	: <i>Penicillium sp.</i>
Appearance	: Yellow solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

Application Notes

The benzomalvins are substance P inhibitors of human neurokinin NK1 receptors from *Penicillium sp.* The structure of epibenzomalvin E as the (-) isomer of the benzomalvin E epimers was published in 2020. Little is known of the biological activity of benzomalvin E and its epimer, although it is reported to inhibit 2,3-dioxygenase.

References

1. Benzomalvins, new substance P inhibitors from a *Penicillium sp.* Sun H.H. et al J Antibiot. 1994, 47, 515.
2. (±) Benzomalvins E isolated from *Penicillium sp.* SYPF 8411 in the rhizosphere soil of *Codonopsis clematidea*. Feng Q-M. et al. Nat Prod Res. 2020, 34, 1884.
3. Benzomalvin E, an indoleamine 2,3-dioxygenase inhibitor isolated from *Penicillium sp.* FN070315. J Antibiot. 2012, 65, 4.