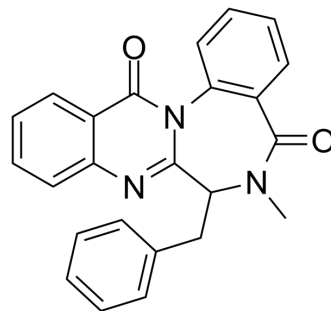


## Benzomalvin A

Cat. No.:	HY-118463
CAS No.:	157047-96-6
Molecular Formula:	C <sub>24</sub> H <sub>19</sub> N <sub>3</sub> O <sub>2</sub>
Molecular Weight:	381.43
Target:	Neurokinin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Benzomalvin A is a potent antagonist of neurokinin receptor isolated from *Penicillium* sp. Benzomalvin A shows inhibitory activity against substance P with  $K_i$  values of 12, 42 and 43  $\mu$ M at the guinea pig, rat and human neurokinin NK1 receptors, respectively<sup>[1]</sup>.

### REFERENCES

[1]. Sun HH, et al. Benzomalvins, new substance P inhibitors from a *Penicillium* sp. *J Antibiot* (Tokyo). 1994;47(5):515-522.

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

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