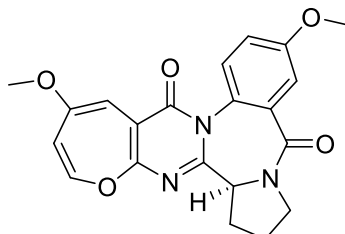


## Circumdatin A

Code No.: **BIA-C1919**

Pack sizes: **0.25 mg, 1 mg**



Synonyms : Asperloxin A, Circumdatine A

## Specifications

CAS #	: 223130-52-7
Molecular Formula	: C <sub>21</sub> H <sub>19</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight	: 393.39
Source	: <i>Aspergillus</i> sp.
Appearance	: Yellow solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

## Application Notes

Circumdatin A, produced by *Aspergillus* sp., was first reported in 1999 by Rahbaek and colleagues, University of Copenhagen, Denmark. The structure of circumdatin A was revised as a unique oxepine in 2008 using X-ray crystallography. Lack of availability has prevented investigation of its biological activity to date.

## References

1. Circumdatin A, B, and C: Three new benzodiazepine alkaloids isolated from a culture of the fungus *Aspergillus ochraceus*. Rahbaek L. et al. J Org Chem. 1999, 64, 1689.
2. Structure revision of circumdatins A and B, benzodiazepine alkaloids produced by marine fungus *Aspergillus ostianus*, by X-ray crystallography. Ookura R. et al. J Org Chem. 2008, 73, 4245.