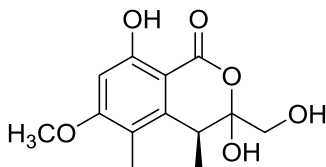


## Banksialactone A

Code No.: **BIA-B1811**

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



Synonyms :

### Specifications

CAS #	: 1135775-06-2
Molecular Formula	: C <sub>13</sub> H <sub>16</sub> O <sub>6</sub>
Molecular Weight	: 268.3
Source	: <i>Aspergillus banksianus</i>
Appearance	: Residue
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

### Application Notes

Banksialactone A is the simplest and major analogue of a family of isochromanones isolated from an Australian fungus, *Aspergillus banksianus*, by researchers at Macquarie University, Australia and Microbial Screening Technologies in 2018. While banksialactone A showed only weak activity in in-house chemotherapeutic bioassays, analogues containing the core structure were moderately active, demonstrating its potential as a chemical scaffold.

### References

1. Banksialactones and banksiamarins: Isochromanones and isocoumarins from an Australian fungus, *Aspergillus banksianus*. Chaudhary N.K. et al., J. Nat. Prod. 2018, 81, 1517.