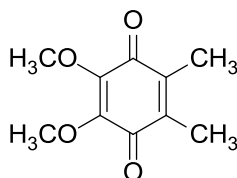


## Aurantiogliocladin

Code No.: **BIA-A1654**

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



Synonyms :

### Specifications

CAS #	: 483-54-5
Molecular Formula	: C <sub>10</sub> H <sub>12</sub> O <sub>4</sub>
Molecular Weight	: 196.2
Source	: <i>Gliocladium</i> sp.
Appearance	: Orange solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

### Application Notes

Aurantiogliocladin is an orange-coloured benzoquinone isolated from a strain of *Gliocladium roseum* reported by researchers at ICI, England in 1951. The structure of aurantiogliocladin was resolved by Vischer two years later. Aurantiogliocladin exhibits weak to moderate antibacterial and antifungal activity, however the metabolite's bioactivity has received little further attention.

### References

1. Three new antibiotics from a species of *Gliocladium*. Brian P.W. et al., *Experientia* 1951, 7, 266.
2. The structures of aurantio- and rubro-gliocladin and gliorosein. Vischer E.B., *J. Chem. Soc.* 1953, 815.