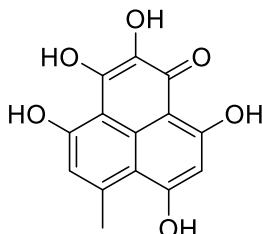


## Norfunalenone

Code No.: **BIA-N2378**

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



Synonyms : Desmethylfunalenone

### Specifications

CAS #	: <b>581786-63-2</b>
Molecular Formula	: <b>C<sub>14</sub>H<sub>10</sub>O<sub>6</sub></b>
Molecular Weight	: <b>274.2</b>
Source	: <b><i>Aspergillus</i> sp.</b>
Appearance	: <b>Grey-green solid</b>
Purity	: <b>&gt;95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: <b>Soluble in methanol or DMSO</b>

### Application Notes

Norfunalenone, the demethyl analogue of funalenone, is isolated from *Aspergillus* sp.. The bioprofile of norfunalenone is not well investigated, however funalenone is a novel inhibitor of collagenase and inhibitor of HIV-1 integrase.

### References

1. Funalenone, a novel collagenase inhibitor produced by *Aspergillus niger*. Inokoshi J. et al. J Antibiot. 1999, 52, 1095.
2. Targeting the MraY and MurG bacterial enzymes for antimicrobial therapeutic intervention. Zawadzke L.E. Anal Biochem. 2003, 314, 243.
3. Fungal phenalenones inhibit HIV-1 integrase. Shiomi K. et al. J Antibiot. 2005, 58, 65.