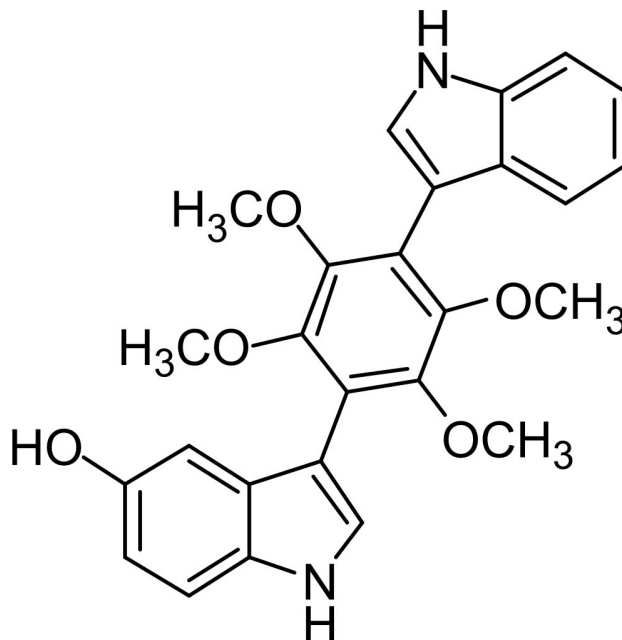


Petromurin C

Code No.: BIA-P1648

Pack sizes.: 0.5mg, 2.5mg



Synonyms:

-

## Specifications

CAS #	: <b>194608-29-2</b>
Molecular Formula	: <b>C<sub>26</sub>H<sub>24</sub>N<sub>2</sub>O<sub>5</sub></b>
Molecular Weight	: <b>444.48</b>
Source	: -
Appearance	: <b>Beige solid</b>
Purity	: <b>&gt;95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: <b>Soluble in ethanol, methanol, DMF or DMSO.</b>

## Application Notes

Petromurin C was isolated as a component of a complex of bis-indolyl benzenoids from *Petromyces muricatus* (*Aspergillus muricatus*) by researchers at Hoshi University, Japan in 1997. Petromurin C is a 5-hydroxyindoyl analogue of asterriquinol D dimethylether and together with the other petromurins A, B and D, comprises a highly distinctive chemotaxonomic profile that typifies *A. muricatus*. Petromurin C exhibits weak antitumor activity but has not been extensively investigated to date.

## References

1. Bisindolylbenzenoids from ascotromata of *Petromyces muricatus*. Ooike M. et al., *Can. J. Chem.* 1997, 75, 625.
2. Kumbicins A-D: bis-indolyl benzenoids and benzoquinones from an Australian soil fungus, *Aspergillus kumbius*. Lacey H.J. et al., *Aust. J. Chem.* 2016, 69, 152.