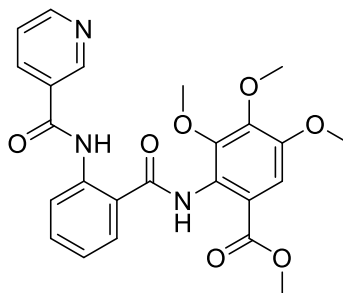


## Preterremide C

Code No.: **BIA-P2458**

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



Synonyms : Methyl-3,4,5-trimethoxy-2-(2-(nicotinamido)benzamido)benzoate

## Specifications

CAS #	: 81469-77-4
Molecular Formula	: C <sub>24</sub> H <sub>23</sub> N <sub>3</sub> O <sub>7</sub>
Molecular Weight	: 465.5
Source	: <i>Aspergillus</i> sp.
Appearance	: Colourless residue
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

## Application Notes

Preterremide C (3,4,5-trimethoxy-2-(2-(nicotinamido)benzamido)benzoate) is a fungal metabolite first reported isolated from a strain of *Aspergillus terreus* by researchers at Kanazawa University in Japan in 1981 and identified as "Compound IX", then re-named preterremide C given its precursor relationship by conversion to the quinazoline terremide C reported by researchers at the Chinese Academy of Sciences in 2013. Preterremide C exhibits weak antibacterial and antitumor activity.

## References

1. Metabolic products of *Aspergillus terreus*. VI. Metabolites of the strain IFP 8835. The isolation and chemical structures of colorless metabolites. Arai K. et al. Chem Pharm Bull. 1981, 29, 1005.
2. Asperterrestide A, a cytotoxic cyclic tetrapeptide from the marine-derived fungus *Aspergillus terreus* SCSGAF0162 He F. et al. J Nat Prod. 2013, 76, 1182.