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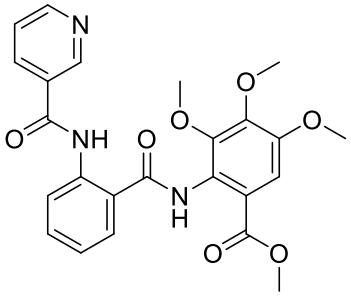
PRODUCT DATA SHEET

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	:	**$C_{24}H_{23}N_3O_7$**
Molecular Weight	:	**465.5**
Source	:	***Aspergillus* 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.

For in vitro laboratory use only. Not for human or animal use.

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