



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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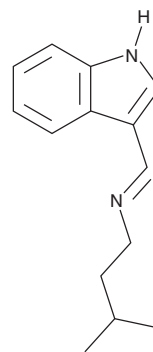
PRODUCT INFORMATION



Indolimine-214

Item No. 37953

| | |
|---------------------|--|
| Formal Name: | (E)-1-(1H-indol-3-yl)-N-isopentylmethanimine |
| Synonym: | Isoamylindolimine |
| MF: | C ₁₄ H ₁₈ N ₂ |
| FW: | 214.3 |
| Purity: | ≥98% |
| UV/Vis.: | λ _{max} : 220, 260, 272, 293 nm |
| Supplied as: | A neat oil |
| Storage: | -20°C |
| Stability: | ≥1 year |



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Indolimine-214 is supplied as a neat oil. A stock solution may be made by dissolving the indolimine-214 in the solvent of choice, which should be purged with an inert gas. Indolimine-214 is soluble in the organic solvent methanol.

Description

Indolimine-214 is a metabolite of *M. morganii*, a bacterium that is increased in the gut microbiome of patients with inflammatory bowel disease (IBD) and colorectal cancer (CRC).¹ Indolimine-214 (25 and 100 µg/ml) increases γH2AX levels in HeLa cells and increases the tail DNA percentage in a comet assay using HeLa cells when used at a concentration of 100 µg/ml, both markers of DNA damage, but does not induce DNA damage when used alone in a circular pUC19 plasmid-based genotoxicity assay.

Reference

1. Cao, Y., Oh, J., Xue, M., *et al.* Commensal microbiota from patients with inflammatory bowel disease produce genotoxic metabolites. *Science* **378**(6618), eabm3233 (2022).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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