



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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

PRODUCT INFORMATION



4-cyano MMB-BUTINACA N-butanoic acid metabolite

Item No. 33835

Formal Name: (S)-4-(3-((1-methoxy-3-methyl-1-oxobutan-2-yl) carbamoyl)-1H-indazol-1-yl)butanoic acid

Synonyms: AMB-4CN-BUTINACA N-butanoic acid metabolite, 4-CN AMB-BUTINACA N-butanoic acid metabolite, 4-CN MMB-BINACA N-butanoic acid metabolite, 4-CN MMB-BUTINACA N-butanoic acid metabolite, 4-cyano AMB-BUTINACA N-butanoic acid metabolite, MMB-4CN-BUTINACA N-butanoic acid metabolite

MF: C₁₈H₂₃N₃O₅

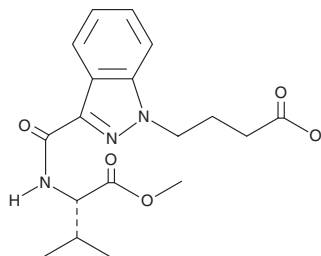
FW: 361.4

Purity: ≥98%

Supplied as: A solution in methyl acetate

Storage: -20°C

Stability: ≥1 year



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

Description

4-cyano MMB-BUTINACA N-butanoic acid metabolite (Item No. 33835) is an analytical reference standard that is structurally similar to known synthetic cannabinoids. 4-cyano MMB-BUTINACA N-butanoic acid metabolite is a potential metabolite of 4-cyano MMB-BUTINACA (Item No. 33334) based on the published metabolism of 4-cyano CUMYL-BUTINACA (Item Nos. 30774 | 20194).¹ At the time 4-cyano MMB-BUTINACA N-butanoic acid metabolite (Item No. 33835) was made available for purchase, specific metabolism data had not been published. Contact us if updated information on this molecule is now available. This product is intended for research and forensic applications.

Reference

1. Åstrand, A., Vikingsson, S., Lindstedt, D., *et al.* Metabolism study for CUMYL-4CN-BINACA in human hepatocytes and authentic urine specimens: Free cyanide is formed during the main metabolic pathway. *Drug Test. Anal.* **10(8)**, 1270-1279 (2018).

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.

WARRANTY AND LIMITATION OF REMEDY

Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

Copyright Cayman Chemical Company, 08/17/2021

CAYMAN CHEMICAL

1180 EAST ELLSWORTH RD

ANN ARBOR, MI 48108 · USA

PHONE: [800] 364-9897

[734] 971-3335

FAX: [734] 971-3640

CUSTSERV@CAYMANCHEM.COM

WWW.CAYMANCHEM.COM