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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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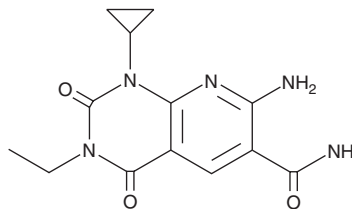
PRODUCT INFORMATION



A-484954

Item No. 28279

CAS Registry No.: 142557-61-7
Formal Name: 7-amino-1-cyclopropyl-3-ethyl-1,2,3,4-tetrahydro-2,4-dioxo-pyrido[2,3-d]pyrimidine-6-carboxamide
MF: C₁₃H₁₅N₅O₃
FW: 289.3
Purity: ≥98%
UV/Vis.: λ_{max}: 229, 287, 333 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥2 years



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

Laboratory Procedures

A-484954 is supplied as a crystalline solid. A stock solution may be made by dissolving the A-484954 in the solvent of choice, which should be purged with an inert gas.

Description

A-484954 is an ATP-competitive inhibitor of eukaryotic elongation factor-2 kinase (eEF-2K; IC₅₀ = 420 nM).¹ It reduces eEF-2K autophosphorylation in PC3, HeLa, H460, H1299, and MDA-MB-231 cancer cells when used at a concentration of 75 μM.

Reference

1. Edupuganti, R., Wang, Q., Tavares, C.D., *et al.* Synthesis and biological evaluation of pyrido[2,3-d]pyrimidine-2,4-dione derivatives as eEF-2K inhibitors. *Bioorg. Med. Chem.* **22(17)**, 4910-4916 (2014).

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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