



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) 

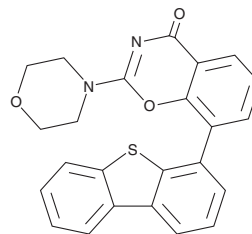
PRODUCT INFORMATION



LTURM 34

Item No. 35571

CAS Registry No.: 1879887-96-3
Formal Name: 8-(4-dibenzothieryl)-2-(4-morpholinyl)-4H-1,3-benzoxazin-4-one
MF: C₂₄H₁₈N₂O₃S
FW: 414.5
Purity: ≥98%
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years



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

Laboratory Procedures

LTURM 34 is supplied as a solid. A stock solution may be made by dissolving the LTURM 34 in the solvent of choice, which should be purged with an inert gas. LTURM 34 is soluble in organic solvents such as DMSO and dimethyl formamide. The solubility of LTURM 34 in these solvents is approximately 2 and 5 mg/ml, respectively.

Description

LTURM 34 is an inhibitor of DNA protein kinase (DNA-PK; IC₅₀ = 0.034 μM).¹ It is selective for DNA-PK over PI3Kα, PI3Kβ, PI3Kγ, and PI3Kδ at 10 μM. LTURM 34 (10 μM) inhibits the growth of HOP-92, SNB-75, and UO-31 cancer cells.

Reference

- Morrison, R., Al-Rawi, J.M.A., Jennings, I.G., *et al.* Synthesis, structure elucidation, DNA-PK and PI3K and anti-cancer activity of 8- and 6-aryl-substituted-1-3-benzoxazines. *Eur. J. Med. Chem.* **110**, 326-339 (2016).

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, 11/23/2022

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