SZABO SCANDIC

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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

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

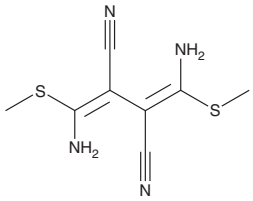
linkedin.com/company/szaboscandic

PRODUCT INFORMATION

U-0124

Item No. 34871

CAS Registry No.: 108923-79-1
Formal Name: 2,3-*bis*[amino(methylthio)methylene]-butanedinitrile
MF: $C_8H_{10}N_4S_2$
FW: 226.3
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

U-0124 is supplied as a solid. A stock solution may be made by dissolving the U-0124 in the solvent of choice, which should be purged with an inert gas. U-0124 is slightly soluble in DMSO and methanol.

Description

U-0124 is an inactive analog of the MEK inhibitor and AMPK activator U-0126 (Item No. 70970) that has been used as a negative control for the kinase activity of MEK.[1,2]

References

1. Favata, M.F., Horiuchi, K.Y., Manos, E.J., *et al.* Identification of a novel inhibitor of mitogen-activated protein kinase kinase. *J. Biol. Chem.* **273(29)**, 18623-18632 (1998).
2. Zipperly, M.E., Sultan, F.A., Graham, G.-E., *et al.* Regulation of dopamine-dependent transcription and cocaine action by *Gadd45b*. *Neuropsychopharmacology* **46(4)**, 709-720 (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