



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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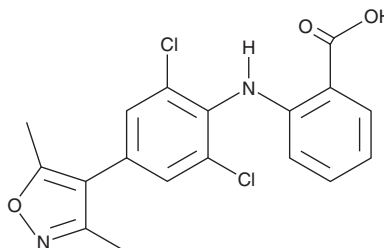
PRODUCT INFORMATION



FB23

Item No. 37383

CAS Registry No.: 2243736-35-6
Formal Name: 2-[[2,6-dichloro-4-(3,5-dimethyl-4-isoxazolyl)phenyl]amino]-benzoic acid
MF: C₁₈H₁₄Cl₂N₂O₃
FW: 377.2
Purity: ≥98%
UV/Vis.: λ_{max}: 221 nm
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

FB23 is supplied as a solid. A stock solution may be made by dissolving the FB23 in the solvent of choice, which should be purged with an inert gas. FB23 is soluble in the organic solvent DMSO at a concentration of approximately 2 mg/ml.

Description

FB23 is an inhibitor of the mRNA N⁶-methyladenosine (m⁶A) demethylase fat mass and obesity-associated (FTO) protein (IC₅₀ = 0.06 μM) and an active metabolite of FB23-2 (Item No. 36606).¹ It reduces the proliferation of NB4 and Mono-Mac-6 acute myeloid leukemia (AML) cells (IC₅₀s = 44.8 and 23.6 μM, respectively).

Reference

1. Huang, Y., Su, R., Sheng, Y., *et al.* Small-molecule targeting of oncogenic FTO demethylase in acute myeloid leukemia. *Cancer Cell* **35**(4), 677-691.e10 (2019).

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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