



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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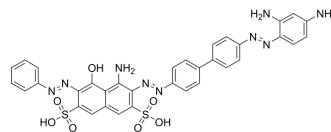
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Direct Black 38 free acid

Cat. No.:	HY-D0256A
CAS No.:	22244-14-0
Molecular Formula:	C ₃₄ H ₂₇ N ₉ O ₇ S ₂
Molecular Weight:	737.76
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Direct Black 38 free acid is a polysulphonated dye. Direct Black 38 free acid promotes degradation of transferrin receptor-1 in vitro and in vivo^[1].

REFERENCES

[1]. Beije B. Induction of unscheduled DNA synthesis in liver and micronucleus in bone marrow of rats exposed in vivo to the benzidine-derived azo dye, Direct Black 38. *Mutat Res.* 1987 Apr;187(4):227-34.

[2]. Byrne SL, et al. Ferristatin II promotes degradation of transferrin receptor-1 in vitro and in vivo. *PLoS One.* 2013 Jul 23;8(7):e70199.

Caution: Product has not been fully validated for medical applications. For research use only.

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