



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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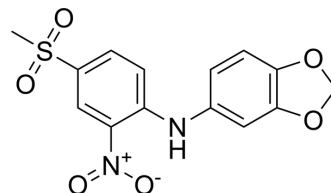
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MSNBA

Cat. No.: HY-W179181
CAS No.: 852702-51-3
Molecular Formula: C₁₄H₁₂N₂O₆S
Molecular Weight: 336.32
Target: GLUT
Pathway: Membrane Transporter/Ion Channel
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (297.34 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.9734 mL	14.8668 mL	29.7336 mL
	5 mM		0.5947 mL	2.9734 mL	5.9467 mL
	10 mM		0.2973 mL	1.4867 mL	2.9734 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

MSNBA is a specific inhibitor of GLUT5 fructose transport in proteoliposomes. MSNBA competitively inhibits GLUT5 fructose uptake with a K_i of 3.2±0.4 μM in MCF7 cells^[1].

REFERENCES

[1]. George Thompson AM, et al. Discovery of a specific inhibitor of human GLUT5 by virtual screening and in vitro transport evaluation. Sci Rep. 2016 Apr 14;6:24240.

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

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