



# 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

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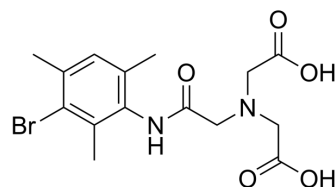
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## Mebrofenin

Cat. No.:	HY-B1684		
CAS No.:	78266-06-5		
Molecular Formula:	C <sub>15</sub> H <sub>19</sub> BrN <sub>2</sub> O <sub>5</sub>		
Molecular Weight:	387.23		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 250 mg/mL (645.61 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	2.5824 mL	12.9122 mL	25.8244 mL
			5 mM	0.5165 mL	2.5824 mL	5.1649 mL
			10 mM	0.2582 mL	1.2912 mL	2.5824 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (5.37 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (5.37 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (5.37 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	Mebrofenin (SQ 26962) is a type of iminodiacetic acid (IDA). Mebrofenin is available as a ready to use the kit for radio-labeling with Tc-99m. Tc-99m Mebrofenin, a diagnostic agent, is used for hepatobiliary imaging. Tc-99m Mebrofenin is the radiopharmaceutical of choice for the evaluation of hepatic function <sup>[1][2]</sup> .
In Vitro	Tc-99m Mebrofenin is a <sup>99m</sup> Tc-labeled iminodiacetic (IDA) derivate, originally used for the diagnosis of a multitude of biliary diseases and, since recently, for the assessment of liver function <sup>[3]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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