



# 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

### SZABO-SCANDIC HandelsgmbH

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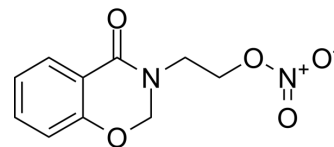
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## Sinitrodil

<b>Cat. No.:</b>	HY-106914
<b>CAS No.:</b>	143248-63-9
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>10</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight:</b>	238.2
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Sinitrodil (ITF 296) is an orally active organic nitrate with anti-ischaemic effect. Sinitrodil can be used for acute and chronic heart diseases research <sup>[1][2]</sup> .		
<b>In Vivo</b>	Pharmacokinetic parameters of Sinitrodil in rats <sup>[2]</sup>		
	Route	Parameter	Value
	IV (1 mg/kg)	CL (L/h/kg)	2.7
		AUC (µg h/mL)	0.37
		T <sub>1/2</sub> (h)	3.85
	PO (5 mg/kg)	T <sub>max</sub> (h)	0.17
		T <sub>1/2</sub> (h)	1.95
		C <sub>max</sub> (µg/mL)	2.099
		CL (L/h/kg)	2.69
		AUC (µg h/mL)	1.364
	MCE has not independently confirmed the accuracy of these methods. They are for reference only.		

### REFERENCES

[1]. Monzani MV, et al. Pharmacokinetics of ITF 296 (Sinitrodil) a novel organic nitrate, in healthy volunteers. Eur J Pharm Sci. 1999 Feb;7(3):179-84.

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

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