



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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# PRODUCT INFORMATION

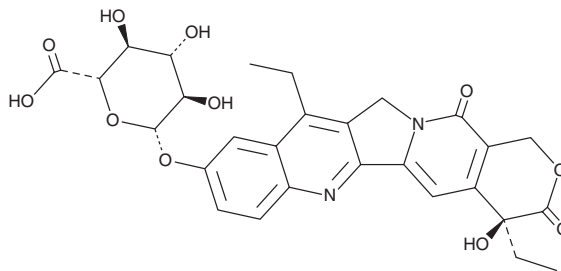


## SN-38 Glucuronide

Item No. 35642

**CAS Registry No.:** 121080-63-5  
**Formal Name:** (4S)-4,11-diethyl-3,4,12,14-tetrahydro-4-hydroxy-3,14-dioxo-1H-pyrano[3',4':6,7]indolizino[1,2-b]quinolin-9-yl,  $\beta$ -D-glucopyranosiduronic acid

**Synonym:** SN-38G  
**MF:** C<sub>28</sub>H<sub>28</sub>N<sub>2</sub>O<sub>11</sub>  
**FW:** 568.5  
**Purity:**  $\geq$ 98%  
**Supplied as:** A solid  
**Storage:** -20°C  
**Stability:**  $\geq$ 4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

### Laboratory Procedures

SN-38 Glucuronide is supplied as a solid. A stock solution may be made by dissolving the SN-38 glucuronide in the solvent of choice, which should be purged with an inert gas. SN-38 Glucuronide is slightly soluble in methanol and DMSO.

### Description

SN-38 Glucuronide is a phase II metabolite of irinotecan (Item No. 14180).<sup>1</sup> It is formed *via* glucuronidation of the irinotecan phase I metabolite SN-38 (Item No. 15632) by the UDP-glucuronosyltransferase (UGT) isoform UGT1A1.

### Reference

1. Hirose, K., Kozu, C., Yamashita, K., *et al.* Correlation between plasma concentration ratios of SN-38 glucuronide and SN-38 and neutropenia induction in patients with colorectal cancer and wild-type UGT1A1 gene. *Oncol. Lett.* **3**(3), 694-698 (2012).

#### 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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