



# 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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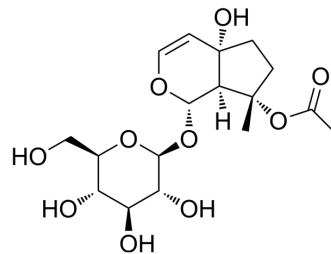
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## Reptoside

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-W750451  |
| CAS No.:           | 53839-03-5  |
| Molecular Formula: | C <sub>17</sub> H <sub>26</sub> O <sub>10</sub>   |
| Molecular Weight:  | 390.38  |
| Target:            | Akt   |
| Pathway:           | PI3K/Akt/mTOR   |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

Reptoside, an iridoid glucoside, is a DNA damaging active agent. Reptoside has strong interactions with Trp352 and Tyr335 in AKT1<sup>[1]</sup>.

### REFERENCES

- [1]. Gören AC, et, al. DNA damaging activities of methanol extract of *Ajuga postii* and iridoid glucoside reptoside. *Nat Prod Res.* 2005 Jul;19(5):457-60.
- [2]. Wang T, et, al. Network pharmacology of iridoid glycosides from *Eucommia ulmoides* Oliver against osteoporosis. *Sci Rep.* 2022 May 6;12(1):7430.

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

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