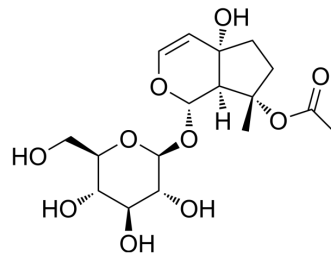


## Reptoside

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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