

## 2,3-Dihydrocalodenin B

## Chemical Properties

CAS No. :

Formula: C<sub>30</sub>H<sub>22</sub>O<sub>9</sub>

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	2,3-Dihydrocalodenin B (Compound 6) is a compound isolated from the small, red-glowing Knema tree (Knema globularia). It acts as a potent, non-competitive inhibitor of $\alpha$ -glucosidase and $\alpha$ -amylase, with IC <sub>50</sub> values of 1.1 and 2.6 $\mu$ M, respectively. This compound is applicable in diabetes research.
Targets(IC <sub>50</sub> )	Amylase, glycosidase

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