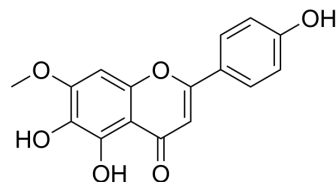


## Sorbifolin

Cat. No.:	HY-N11552
CAS No.:	23130-22-5
Molecular Formula:	C <sub>16</sub> H <sub>12</sub> O <sub>6</sub>
Molecular Weight:	300.26
Target:	Glutathione Peroxidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Sorbifolin, a flavone glucoside, can be isolated from the Pterogyne nitens. Sorbifolin has myeloperoxidase inhibitory and radical scavenging activities. Sorbifolin is also a MPO inhibitor with an IC <sub>50</sub> value of 19.2 nM <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 19.2 nM (Myeloperoxidase, MPO) <sup>[1]</sup> .
In Vitro	Sorbifolin (30 min) shows radical scavenging activities with IC <sub>50</sub> s of 5.7 μM and 13.5 μM for ABTS radical and DPPH radical, respectively <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Fernandes DC, et al. Myeloperoxidase inhibitory and radical scavenging activities of flavones from Pterogyne nitens. Chem Pharm Bull (Tokyo). 2008 May;56(5):723-6.

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

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