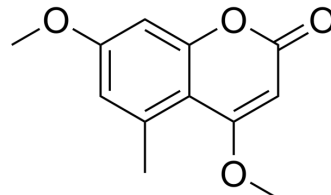


## Siderin

Cat. No.:	HY-N11913
CAS No.:	53377-54-1
Molecular Formula:	C <sub>12</sub> H <sub>12</sub> O <sub>4</sub>
Molecular Weight:	220.22
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Siderin is a Photosystem II inhibitor that effectively inhibits ATP synthesis and chloroplast electron transport during photosynthesis in isolated spinach. Siderin can be used in the study of plant photosynthesis<sup>[1]</sup>.

### REFERENCES

[1]. Veiga TA, et al. Siderin from *Toona ciliata* (Meliaceae) as photosystem II inhibitor on spinach thylakoids. *Arch Biochem Biophys*. 2007 Sep 1;465(1):38-43.

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

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