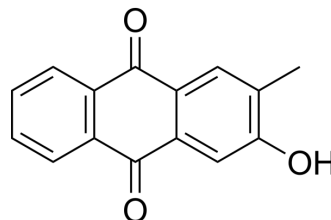


## 2-Hydroxy-3-methylantraquinone

Cat. No.:	HY-N7160
CAS No.:	17241-40-6
Molecular Formula:	C <sub>15</sub> H <sub>10</sub> O <sub>3</sub>
Molecular Weight:	238.24
Target:	Src; Apoptosis
Pathway:	Protein Tyrosine Kinase/RTK; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	2-Hydroxy-3-methylantraquinone (compound 1) is a natural compound isolated from a water extract of <i>Hedyotis diffusa</i> WILLD. 2-Hydroxy-3-methylantraquinone shows inhibitory activity against protein tyrosine kinases v-src and pp60src, and induces growth arrest and apoptosis in the HepG2 cancer cells <sup>[1]</sup> .
IC <sub>50</sub> & Target	55 μM (HepG2 cells) <sup>[1]</sup>

### REFERENCES

[1]. Shi Y, Wang CH, Gong XG. Apoptosis-inducing effects of two anthraquinones from *Hedyotis diffusa* WILLD. *Biol Pharm Bull.* 2008;31(6):1075-1078.

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

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