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## DATASHEET

Celastrol

### Product overview

<b>Name</b>	Celastrol
<b>Cat No</b>	HB4605
<b>Purity</b>	>98%
<b>Description</b>	Anti-oxidant, anti-inflammatory compound with many actions. Topoisomerase II inhibitor.

### Biological Data

<b>Biological description</b>	Anti-oxidant, anti-inflammatory compound with many actions. Topoisomerase II and NF-κB inhibitor. Modulates various signaling pathways. Also inhibits 20S proteasome chymotrypsin-like activity.
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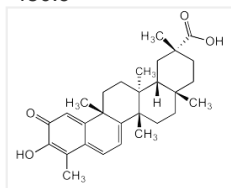
### Solubility & Handling

<b>Storage instructions</b>	+4 °C
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

### Chemical Data

**Molecular Weight**  
**Chemical structure**

450.6



**Molecular Formula**  
**CAS Number**  
**PubChem identifier**  
**SMILES**

C<sub>29</sub>H<sub>38</sub>O<sub>4</sub>

34157-83-0

122724

O=C2C(O)=C(C)C1=CC=C([C@](CC[C@]5(C)[C@]([H])4C[C@](C)([C@@](O)=O)CC5)(C)[C@@]4(C)CC3)[C@]3(C)C1=C2

KQJSQWZMSAGSHN-JJWQIEBTA-N

**InChiKey**  
**Appearance**

Red solid