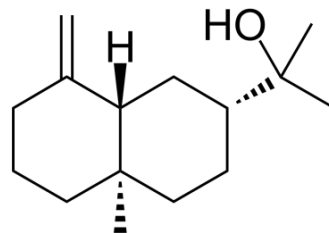


## Beta-Eudesmol

Cat. No.:	HY-N6018
CAS No.:	473-15-4
Molecular Formula:	C <sub>15</sub> H <sub>26</sub> O
Molecular Weight:	222.37
Target:	TRP Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### BIOLOGICAL ACTIVITY

#### Description

Beta-Eudesmol is a natural oxygenated sesquiterpene, activates **hTRPA1**, with an **EC<sub>50</sub>** of 32.5 μM. Beta-Eudesmol increases appetite through TRPA1<sup>[1]</sup>.

### REFERENCES

[1]. Ohara K, et al. β-Eudesmol, an oxygenized sesquiterpene, stimulates appetite via TRPA1 and the autonomic nervous system. Sci Rep. 2017 Nov 17;7(1):15785.

[2]. Ohara K, et al. Identification of significant amino acids in multiple transmembrane domains of human transient receptor potential ankyrin 1 (TRPA1) for activation by eudesmol, an oxygenized sesquiterpene in hop essential oil. J Biol Chem. 2015 Jan 30;290(5):3161-71.

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

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