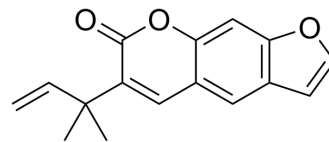


## Chalepensin

Cat. No.:	HY-N8382
CAS No.:	13164-03-9
Molecular Formula:	C <sub>16</sub> H <sub>14</sub> O <sub>3</sub>
Molecular Weight:	254.28
Target:	Cytochrome P450
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

#### Description

Chalepensin, a furanocoumarin, is a competitive CYP2A6 inhibitor. Chalepensin also inhibits human CYP1A1, CYP1A2, CYP2A13, CYP2C9, CYP2D6, CYP2E1, and CYP3A4 to different extents<sup>[1]</sup>.

### REFERENCES

[1]. Yune-Fang Ueng, et al. Mechanism-based inhibition of CYP1A1 and CYP3A4 by the furanocoumarin chalepensin. *Drug Metab Pharmacokinet.* 2013;28(3):229-38.

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

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