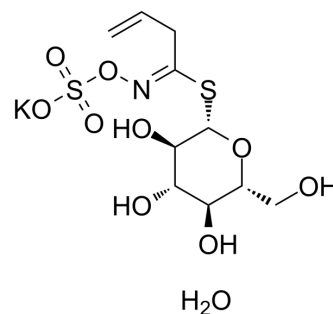


## Sinigrin hydrate

Cat. No.:	HY-N2423
CAS No.:	64550-88-5
Molecular Formula:	C <sub>10</sub> H <sub>18</sub> KNO <sub>10</sub> S <sub>2</sub>
Molecular Weight:	415.48
Target:	Fungal; Bacterial
Pathway:	Anti-infection
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### BIOLOGICAL ACTIVITY

#### Description

Sinigrin (hydrate) is a natural aliphatic glucosinolate present in plants of the Brassicaceae family. Sinigrin (hydrate) exhibits anti-cancer, antibacterial, antifungal, antioxidant and anti-inflammatory activities<sup>[1]</sup>.

### REFERENCES

[1]. Mazumder A, et, al. Sinigrin and Its Therapeutic Benefits. Molecules. 2016 Mar 29;21(4):416.

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

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