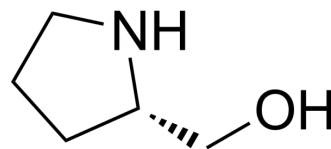


## (2S)-2-Pyrrolidinemethanol

Cat. No.:	HY-Y1126
CAS No.:	23356-96-9
Molecular Formula:	C <sub>5</sub> H <sub>11</sub> NO
Molecular Weight:	101.15
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

#### Description

(2S)-2-Pyrrolidinemethanol ((S)-(+)-Prolinol; (S)-(+)-Pyrrolidin-2-ylmethanol; (S)-1-(Pyrrolidin-2-yl)methanol) reveals binucleophilic character and can be anchored to phthalonitrile derivative from both nitrogen and oxygen atoms. (2S)-2-Pyrrolidinemethanol can be utilized as chiral catalyst<sup>[1][2]</sup>.

### REFERENCES

[1]. Karaca H, et al., Synthesis of L-prolinol substituted novel optically active phthalocyanines[J]. Dyes and Pigments, 2011, 90(2): 100-105.

[2]. Huang J, et al., Synthesis of polymeric chiral l-prolinol derivatives and its applications on the asymmetric Michael addition[J]. Reactive and Functional Polymers, 2001, 49(2): 173-178.

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

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