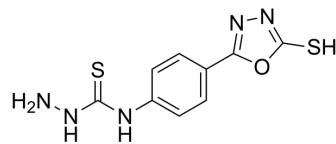


## Stemazole

Cat. No.:	HY-116057
CAS No.:	317337-07-8
Molecular Formula:	C <sub>9</sub> H <sub>9</sub> N <sub>5</sub> O <sub>2</sub> S <sub>2</sub>
Molecular Weight:	267.33
Target:	Others
Pathway:	Others
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### BIOLOGICAL ACTIVITY

#### Description

Stemazole is a protective agent that promotes stem cell survival. Stemazole has the protective effect of human embryonic stem cells (hESCs). Stemazole enhances clonal expansion of single cells and decreases apoptosis. Stemazole for the study of stem cell survival in starvation culture <sup>[1]</sup>.

### REFERENCES

[1]. Sun Y, et al. Stemazole promotes survival and preserves stemness in human embryonic stem cells. FEBS J. 2018 Feb;285(3):531-541.

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

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