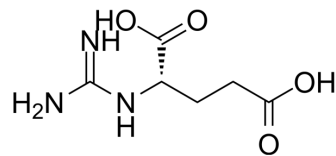


## $\alpha$ -Guanidinoglutaric acid

Cat. No.:	HY-130325
CAS No.:	73477-53-9
Molecular Formula:	C <sub>6</sub> H <sub>11</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	189.17
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

$\alpha$ -Guanidinoglutaric acid is a guanidino compound first found in cobalt-induced epileptogenic focus tissue in the cerebral cortex of cats.  $\alpha$ -Guanidinoglutaric acid induces epileptic seizures in rats after intraventricular administration<sup>[1]</sup>.

### REFERENCES

[1]. H Shiraga, et al. Convulsive activity of alpha-guanidinoglutaric acid and the possible involvement of 5-hydroxytryptamine in the alpha-guanidinoglutaric acid-induced seizure mechanism. J Neurochem. 1986 Dec;47(6):1832-6.

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

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