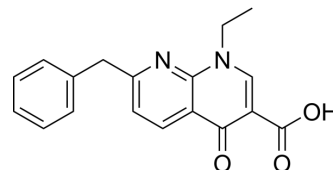


## Amfonelic acid

Cat. No.:	HY-116211
CAS No.:	15180-02-6
Molecular Formula:	C <sub>18</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	308.33
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Amfonelic acid (WIN-25978) is a highly selective dopamine reuptake inhibitor. Amfonelic acid interferes with the in vitro neuronal uptake of norepinephrine in the iris of rats, but does not alter the concentrations of norepinephrine or dopamine in the whole mouse brain. Amfonelic acid can be used as a pharmacological tool to study the brain reward system, dopamine pathway and dopamine transporter<sup>[1]</sup>.

### REFERENCES

[1]. Aceto MD, et al. Pharmacologic properties and mechanism of action of amfonelic acid. Eur J Pharmacol. 1970;10(3):344-54.

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

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