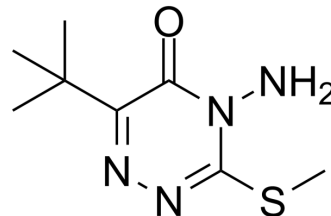


## Metribuzin

Cat. No.:	HY-116954
CAS No.:	21087-64-9
Molecular Formula:	C <sub>8</sub> H <sub>14</sub> N <sub>4</sub> OS
Molecular Weight:	214.29
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Metribuzin is a low-cost non-selective herbicide that belongs to the chemical class of triazinones. Metribuzin hinders DNA synthesis in treated plants and acts on photosystem II, ultimately inhibiting photosynthesis. Metribuzin provides good control of important annual grass and broad-leaf weeds<sup>[1]</sup>.

### REFERENCES

[1]. Whitney Pilcher, et al. Genome-wide Microarray Analysis Leads to Identification of Genes in Response to Herbicide, Metribuzin in Wheat Leaves. PLoS One. 2017 Dec 11;12(12):e0189639.

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

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