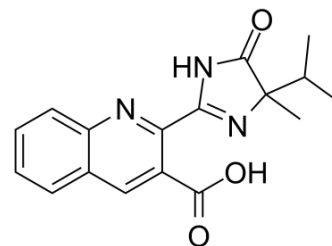


## Imazaquin

Cat. No.:	HY-W040189
CAS No.:	81335-37-7
Molecular Formula:	C <sub>17</sub> H <sub>17</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	311.34
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

Description	Imazaquin is an imidazolinone herbicide which inhibits acetohydroxy acid synthase (AHAS). Imazaquin displays high mobility in soils <sup>[1]</sup> .
IC <sub>50</sub> & Target	Ki: 18 μM (Acetohydroxy acid synthase; AHAS) <sup>[1]</sup>

### REFERENCES

[1]. Garcia MD, et al. Comprehensive understanding of acetohydroxyacid synthase inhibition by different herbicide families. Proc Natl Acad Sci U S A. 2017 Feb 14;114(7):E1091-E1100.

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

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