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**Product Data Sheet**

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Product Name: 2-Benzoxazolinone (2-Benzoxazolone)

Cat. No.: GC32338

**Chemical Properties**

Cas. No. 59-49-4

SMILES O=C1OC2=CC=CC=C2N1Formula C7H5NO2

M.Wt 135.12

Solubility DMSO: 100 mg/mL (740.08 mM); Water: 3.85 mg/mL  
(28.49 mM)Storage Store at -  
20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

2-Benzoxazolinone (BOA, 2-Hydroxybenzoxazole), a well-known allelochemical with strong phytotoxicity, is a potential herbicidal candidate and probably functions via interfering with auxins or disrupting membrane integrity.

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

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