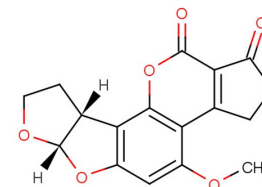


## Data Sheet (Cat.No.T13532)

Aflatoxin B2

### Chemical Properties

CAS No.:	7220-81-7
Formula:	C <sub>17</sub> H <sub>14</sub> O <sub>6</sub>
Molecular Weight:	314.29
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



### Biological Description

Description	Aflatoxin B2 is a major naturally produced aflatoxin. It is a mycotoxin produced by the fungi <i>Aspergillus flavus</i> and <i>Aspergillus parasiticus</i> .
Targets(IC <sub>50</sub> )	Others: None

### Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.182 mL	15.909 mL	31.818 mL
5 mM	0.636 mL	3.182 mL	6.364 mL
10 mM	0.318 mL	1.591 mL	3.182 mL
50 mM	0.064 mL	0.318 mL	0.636 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

#### Reference

1. Kumar P, et al. Aflatoxins: A Global Concern for Food Safety, Human Health and Their Management. *Front Microbiol.* 2017 Jan 17;7:2170.

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