

Pertussis Toxin

Chemical Properties

CAS No.:	70323-44-3
Formula:	N/A
Molecular Weight:	N/A
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Pertussis Toxin is a protein-based AB5-type exotoxin produced by the bacterium <i>Bordetella pertussis</i> .
Targets(IC ₅₀)	Others: None
In vitro	Pertussis toxin is an important virulence factors of <i>Bordetella pertussis</i> , the bacterial cause of the respiratory disease pertussis or whooping cough.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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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. Carbonetti NH, et al. Pertussis toxin and adenylate cyclase toxin: key virulence factors of *Bordetella pertussis* and cell biology tools. *Future Microbiol.* 2010 Mar;5(3):455-69.

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