Data Sheet (Cat.No.C0183)

TargetMol

1.25% Avertin (Anesthesia For Mice)

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from direct sunlight
4°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	1.25% Avertin (Anesthesia For Mice) is a sterile solution optimized for short-acting anesthesia in laboratory animals, particularly mice. It uses high-purity tribromoethanol as the main active ingredient, with a small amount of tert-amyl alcohol as a solubilizing agent, and is formulated with physiological saline to a standard concentration of 1.25%. Tribromoethanol is a central nervous system depressant that enhances GABAA receptor-mediated chloride ion influx, suppressing neuronal depolarization and thereby inhibiting neural excitation. This rapidly induces sedation and anesthesia. As a fast-acting anesthetic with a short duration, Avertin is widely used in acute mouse experiments, such as surgeries, cardiac puncture, perfusion, and sample collection. The 1.25% concentration is the commonly recommended dose for mice, balancing anesthesia depth and safety. This product is ready to use that has been sterilized by filtration to ensure safety and stability. It is suitable for direct intraperitoneal injection for laboratory animal anesthesia, with no need to dissolve or filter.

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