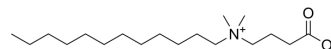


DDMAB

Cat. No.:	HY-W250187
CAS No.:	15163-30-1
Molecular Formula:	C ₁₈ H ₃₇ NO ₂
Molecular Weight:	299.49
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DDMAB, or didodecyldimethylammonium bromide, is a cationic surfactant commonly used in a variety of industrial and research applications. It belongs to the family of quaternary ammonium compounds and has a positively charged head and a hydrophobic tail, which allows it to be used as a detergent, emulsifier and antimicrobial. Known for its ability to disrupt cell membranes, DDMAB is commonly used in microbiology to selectively isolate and identify bacteria. It is also used in nanotechnology to synthesize metal nanoparticles and other materials. In addition, DDMAB has the ability to interact with and penetrate cell membranes, which has potential applications in drug delivery, gene therapy, and other medical fields.
In Vitro	DDMAB is a biochemical reagent that can be used as a biological material or organic compound for life science related research. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA