

AMPD-HCl Buffer (0.2 M, pH 9.4)

Cat. No.: A1526369 | Pack size: 100ml | Storage: Room temperature

Overview

2-Amino-2-methyl-1,3-propanediol, CAS No.: 115-69-5, Molecular Formula: $C_4H_{11}NO_2$, Molecular Weight: 106.143. This product is mainly applied as acid gas absorbent, emulsifier for oils, lipids and waxes, biological buffer, and for the synthesis of surfactants, etc.

Operating Procedures (For Reference Only):

Operate in accordance with specific experimental requirements.

Precautions:

1. For your safety and health, please wear a lab coat and disposable gloves during operation.
2. This product is only for scientific research experiments and shall not be used for other purposes.
3. Abide by laboratory safety operating specifications, wear personal protective equipment, and adopt corresponding biosafety level measures when necessary.
4. Our company shall not be responsible for any accidents arising from abnormal use of this product.

Specifications

Item	Information
Synonyms	AMPD Hydrochloride Buffer Ammediol HCl Buffer
Specifications & Purity	BioReagent, 0.2M in water
Stability And Storage	Store at room temperature, valid for one year.
Storage	Room temperature
Shipped In	Normal

Names and Identifiers

Item	Information
PH	9.4
Isomeric SMILES	CC(CO)(CO)N
WGK Germany	1
RTECS	TY2975000
UN Number	3259
Molecular Weight	106.143
Beilstein	635708
Reaxys-Rn	635708
Reaxys-RN_link_address	https://www.reaxys.com/reaxys/secured/hopinto.do?context=S&query=IDE.XRN=635708&ln=

Contact & Global Offices

Whether you have a technical question, need help with a quotation, or want to inquire about an order, our regional teams are ready to assist. Please contact the office for your region; for general inquiries, the North American office is the corporate primary.

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Limitations & Disclaimer

- For Research Use Only (RUO). Not for use in human or animal diagnostics, therapeutics, or in vivo applications. Not for food, cosmetic, or household use.
- This product is not a CE-marked in vitro diagnostic device under IVDR (EU) 2017/746 and is not an FDA-cleared device under 21 CFR. Use is restricted to verified businesses, institutions, and qualified professionals for research and development purposes.
- Where any kit component is classified as hazardous under CLP (EC) 1272/2008 or OSHA HCS (29 CFR 1910.1200), the product Safety Data Sheet (SDS) takes precedence over this document for handling, storage, and disposal information.
- Performance depends on sample type, sample condition, handling, and operator technique. Users are responsible for validating the kit for their specific application.
- Aladdin product labels, SDS, COA, and approved specifications take precedence over this document. If product formulation, label, SDS, storage conditions, pack size, or quality specifications change, this document would be reviewed and reissued.