

Sodium Citrate Buffer (0.5M, pH 5.0)

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage:

Store at 4°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Sodium Citrate Buffer, 0.5M, pH 5.0 is a sodium citrate buffer solution with a pH of 5.0. It is a commonly used acidic biochemical buffer suitable for heat-induced epitope retrieval (HIER) to reduce antigen masking caused by protein cross-linking in formalin-fixed, paraffin-embedded (FFPE) tissues. Sodium Citrate Buffer, 0.5M, pH 5.0 also maintains a stable pH within its effective buffering range, making it suitable for stabilising certain proteins and enzymes.
Targets(IC50)	Others

Reference

L M Sammel, et al. Investigation of mechanisms by which sodium citrate reduces the pink color defect in cooked ground turkey. Meat Sci. 2006, 72, 4.

Hallin J, et al., Anti-tumor efficacy of a potent and selective non-covalent KRASG12D inhibitor. Nat Med. 2022 Oct; 28(10):2171-2182.

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481