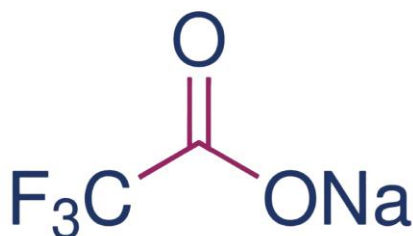


Sodium Trifluoroacetate



PRODUCT IN FOCUS



Sodium Trifluoroacetate

INTRODUCTION

Sodium trifluoroacetate is a colorless organic solid belonging to category of fluoro compounds. It acts as a versatile trifluoromethylation agent in chemicals synthesis and is used to produce an array of chemical intermediates.

Manufacture

It is produced by neutralization of trifluoroacetic acid either by caustic soda or sodium carbonate followed by a purification process.

Applications

Intermediates

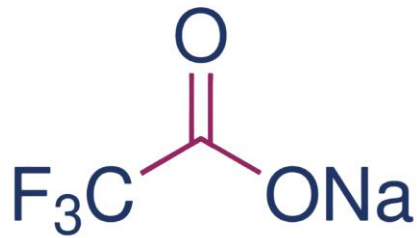
- (Trifluoromethyl)trimethylsilane
- 3-Trifluoromethylpyridine
- N-Butyltrifluoroacetamide
- Bis(triphenylphosphine)iminium trifluoroacetate
- 3-Methylbenzotrifluoride

Others

- Trifluoromethylation of aromatic halides, alcohols, aldehydes, and ketones
- As a precursor in *gem*-difluorocyclopropanation of alkenes
- In synthesis of trifluoromethylthio-substituted compounds in presence of sulphur

Synonym	Trifluoroacetic acid sodium salt Sodium 2,2,2-trifluoroacetate
CAS no.	2923-18-4
EINECS no.	220-879-6
Molecular formula	C ₂ F ₃ NaO ₂
Molecular weight	136.01
Structure	<chem>CC(F)(F)F(=O)[O-].[Na+]</chem>

Sodium Trifluoroacetate



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SPECIFICATIONS

Test	Unit	Specification
Appearance	-	Colorless transparent crystals
Water	%	Max 0.5
Assay	%	Min 99.0

STORAGE

Stored at ambient temperature

PACKING

25 kg UN-approved fibre drum

REACH Status

Not registered

ExSyn offers sodium trifluoroacetate on commercial scales and welcomes enquiries. No matter the quantity you need, our exceptional quality and service will make ExSyn your supplier of choice! If you need any additional information or SDS, please contact us.