



SRC Laboratories Private Limited

TECHNICAL DOCUMENT

2-chloromalonaldehyde

CAS No: 36437-19-1

Factory: Survey No. 107, Plot No. 198 & 199, Raichur Growth Center, Raichur, Karnataka 584 134, INDIA.

Regd. Off. : Sai Sadan, Plot No: 44-22-I48/A, Ground Floor, Shubodaya Colony, Manjeera Pipeline Road, Beside Patel Kunta
HUDA Park, Kukatpatly, Hyderabad - 500 072, Telangana, India. Tel: +91 40 23061799, E-mail: info@srclaboratories.com
Website: www.srclaboratories.com CIN : U73100TG2009PTC063850



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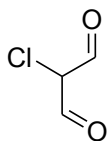
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Technical Data

Chemical Name 2-chloromalonaldehyde

CAS No 36437-19-1

Structure



Molecular formula C₃ H₃ Cl O₂

Molecular weight 106.51

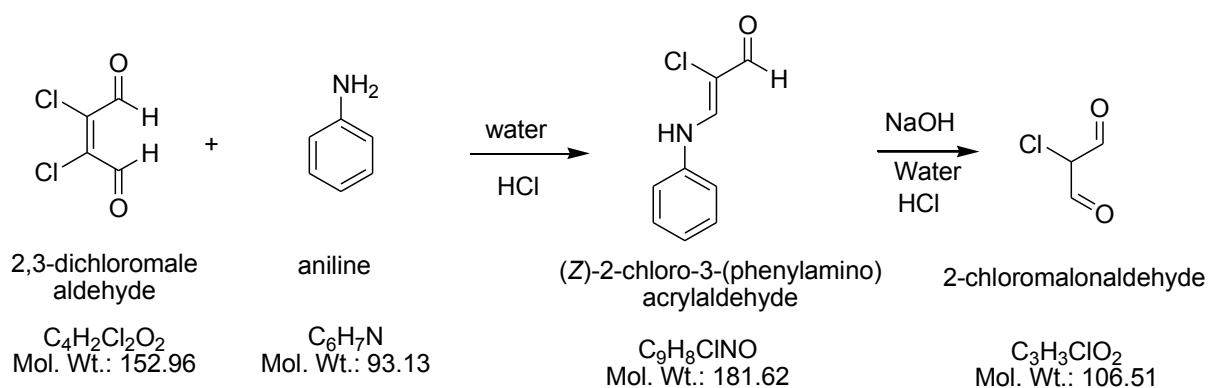
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ROUTE OF SYNTHESIS



BRIEF DESCRIPTION OF THE PROCESS

Reacts with 2,3-dichloromalealdehyde and aniline in the presence of water (Z)-2-chloro-3-(phenylamino)acrylaldehyde which is further reacts with sodium hydroxide to give 2-chloromalonaldehyde

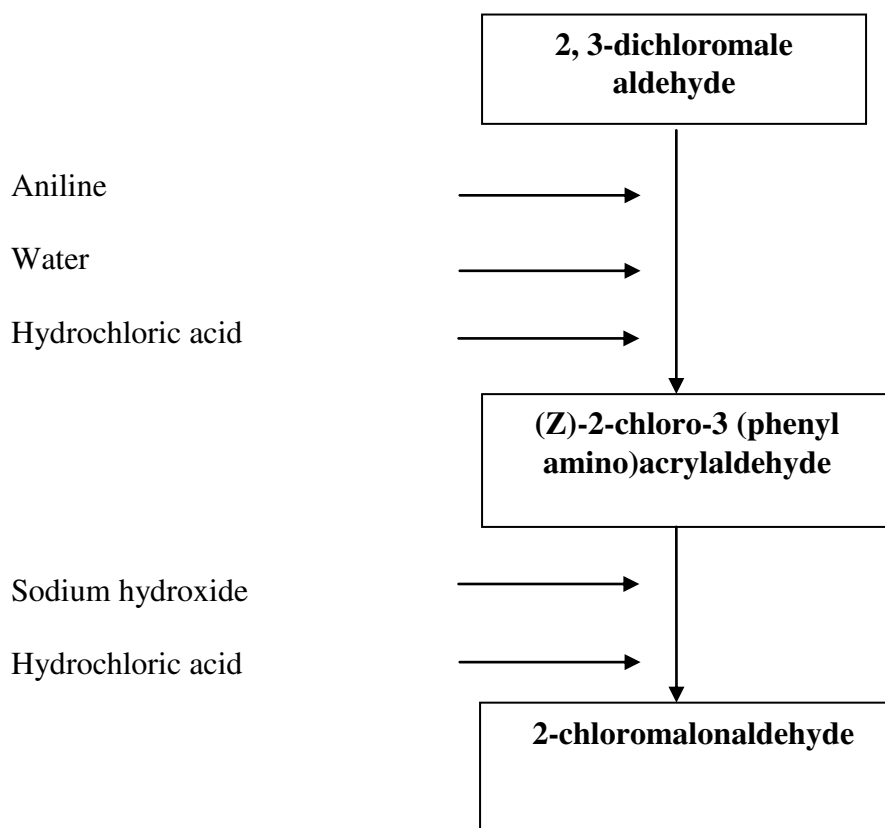
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FLOW CHART



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LIST OF IMPURITIES

S. No	Name	Origin
1	2,3-dichloromale aldehyde	Raw material
2	Aniline	Raw material
3	(Z)-2-chloro-3-(phenylamino) acrylaldehyde	Process

LIST OF RAW MATERIALS

S. No	Raw Materials
1	2,3-dichloromale aldehyde
2	Aniline
3	HCl
4	Sodium hydroxide

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