

PREPARATION OF 3-MERCAPTOPROPIONITRILE AND 3-MERCAPTOPROPIONIC ACID
ABSTRACT OF THE DISCLOSURE

Facile process for the production of 3-mercaptopropionitrile and 3-mercaptopropionic acid by reacting thiodipropionitrile with alkaline hydrosulfide in the presence of alkaline hydroxide. Acidification of the resulting reaction product with a strong acid, or saponification, yields the desired mercaptopropionic acid, which can be isolated in high yield.

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