A disulfide is a compound that has the following general structural formula.

\[ R^1 \text{--S--S--R}^2 \]

R\(^1\) and R\(^2\) could be alkyl groups, aryl groups, or any combination thereof; in most disulfides, R\(^1\) = R\(^2\).

eg:

\[ \text{CH}_3\text{--S--S--CH}_3 \quad \text{and} \quad \text{Ph} \text{--S--S--Ph} \]

The S—S group in an organic molecule is called the disulfide group.

Contributors

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