

Partial List of Organic Functional Groups Solved by Classical Physics

Continuous-chain alkanes

Branched alkanes

Alkenes

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Alkynes

Alkyl fluorides

Alkyl chlorides

Alkyl bromides

Alkyl iodides

Alkenyl halides

Aryl halides

Alcohols

Ethers

Primary amines

Secondary amines

Tertiary amines

Aldehydes

Ketones

Carboxylic acids

Carboxylic acid esters

Amides

N-alkyl amides

N,N-dialkyl amides

Urea

Carboxylic acid halides

Carboxylic acid anhydrides

Nitriles

Thiols

Sulfides

Disulfides

Sulfoxides

Sulfones

Sulfites

Sulfates

Nitroalkanes

Alkyl nitrates

Alkyl nitrites

Conjugated alkenes

Conjugated polyenes

Aromatics

Naphthalene

Toluene

Chlorobenzene

Phenol

Aniline

Aryl nitro compounds

Benzoic acid compounds

Anisole

Pyrrrole

Furan

Thiophene

Imidazole

Pyridine

Pyrimidine

Pyrazine

Quinoline

Isoquinoline

Indole

Adenine

Fullerene (C₆₀)

Graphite

Phosphines

Phosphine oxides

Phosphites

Phosphates