Priority table of functional groups of organic chemistry

Formula	Function	Sufix (main function)	Prefix (secondary function)	Example
$R–\overset{\overset{O}{\|}}{C}–OH$	Acid	–oic acid	carboxyl–	$CH_3–COOH$ Ethanoic acid
$R–\overset{\overset{O}{\|}}{C}–O–R'$	Ester	–yl –oate		$CH_3–COO–CH_3$ Methyl ethanoate
$R–\overset{\overset{O}{\|}}{C}–NH_2$	Amide	–amide	carboxamido–	$CH_3–CH_2–CONH_2$ Propanamide
$R–C\equiv N$	Nitrile	–nitrile (cyanide)	cyano–	$CH_3–CN$ Ethanenitrile Methyl cyanide
$R–\overset{\overset{O}{\|}}{C}–H$	Aldehyde	–al	oxo–	$CH_3–CH_2–CHO$ Propanal
$R–\overset{\overset{O}{\|}}{C}–R'$	Ketone	–one	oxo–	$CH_3–CO–CH_3$ Propanone
$R–OH$	Alcohol	–ol	hydroxi–	$CH_3–CH_2OH$ Ethanol
$R–NH_2$	Amine	–amine	amino–	$CH_3–CH_2–NH_2$ Ethylamine
$R–O–R'$	Ether	– yl ...yleter	oxa–	$CH_3–O–CH_2–CH_3$ Ethylmethyleter
$\diagdown C{=}C \diagup$	Alkene	–ene		$CH_3–CH{=}CH_2$ Propene
$–C\equiv C–$	Alkyne	–yne		$CH_3–C\equiv CH$ Propyne
$R–NO_2$	Nitro		nitro–	$CH_3–CH_2–NO_2$ Nitroethane
$R–X$	Halide		fluoro–, chloro–, bromo–, iodo–	$CH_3–CH_2Br$ Bromoethane
$–R$	Radical		yl–	$CH_3–\overset{\overset{CH_3}{\|}}{C}H–CH_3$ Methylpropane