

INTERMOLECULAR FORCES

FUNCTIONAL GROUPS & BOILING POINT

<u>MW</u>	<u>functional group</u>	<u>structure</u>	<u>boiling point (°C)</u>
44	alkane	$\text{CH}_3\text{CH}_2\text{CH}_3$	-42
46	ether	CH_3OCH_3	-23.6
44	aldehyde	CH_3CHO	20
46	alcohol	$\text{CH}_3\text{CH}_2\text{OH}$	78.5
46	acid	HCOOH	100.5
60	alcohol	$\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$	97.2
62	diol	$\text{HOCH}_2\text{CH}_2\text{OH}$	197