

arsine oxides

$\text{H}_3\text{As}=\text{O}$ and its hydrocarbyl derivatives. (analogously arsine imides and arsine sulfides), e.g. $(\text{CH}_3)_3\text{As}=\text{O}$ trimethylarsine oxide or trimethylarsane oxide.

See: imides (2).

Source:

PAC, 1995, 67, 1307 (*Glossary of class names of organic compounds and reactivity intermediates based on structure (IUPAC Recommendations 1995)*) on page 1319