

THIOPHENOL

Meaning: Thiophenol is a chemical compound that contains a sulfur atom bonded to a phenolic group, commonly used as a nucleophile in organic synthesis and studied for its applications in pharmaceuticals.

1. Thiophenol is often used in organic synthesis as a nucleophile.
2. Researchers are studying the properties of thiophenol to improve its applications in pharmaceuticals.
3. The distinct smell of thiophenol can be quite strong, reminiscent of rotten eggs.
4. Due to its reactivity, thiophenol is an important compound in the production of certain dyes.
5. Safety precautions are essential when handling thiophenol, as it can be hazardous in concentrated forms.

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