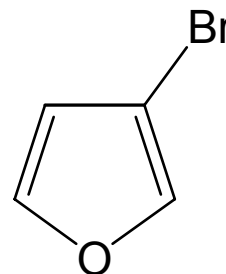


Technical Data Sheet
June 2005

3-Bromofuran



Property	Value
Molecular Formula.....	C ₄ H ₃ OBr
Molecular Weight.....	146.97
CAS Registry Number.....	22037-28-1
EINECS Number.....	244-744-6
TSCA Status.....	Not Listed
Boiling Point.....	103°C
Density.....	1.635 g/mL @ 25°C
Flash Point.....	3°C

Product Specifications	Value	Test Method
Assay, % minimum	97.0	G.C.

Synonyms

β-Bromofuran
3-bromofurane

Description

3-Bromofuran is a clear yellow-to-brown liquid with an aromatic odor. It is soluble in most alcohols, ethers, and other common organic solvents.

Safety

3-Bromofuran is corrosive to the skin and eyes, and is irritating to the mucous membranes and upper respiratory tract. 3-Bromofuran may be dangerous by inhalation, ingestion, or skin absorption. Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety.

Applications (see also reverse side)

Intermediate used in:

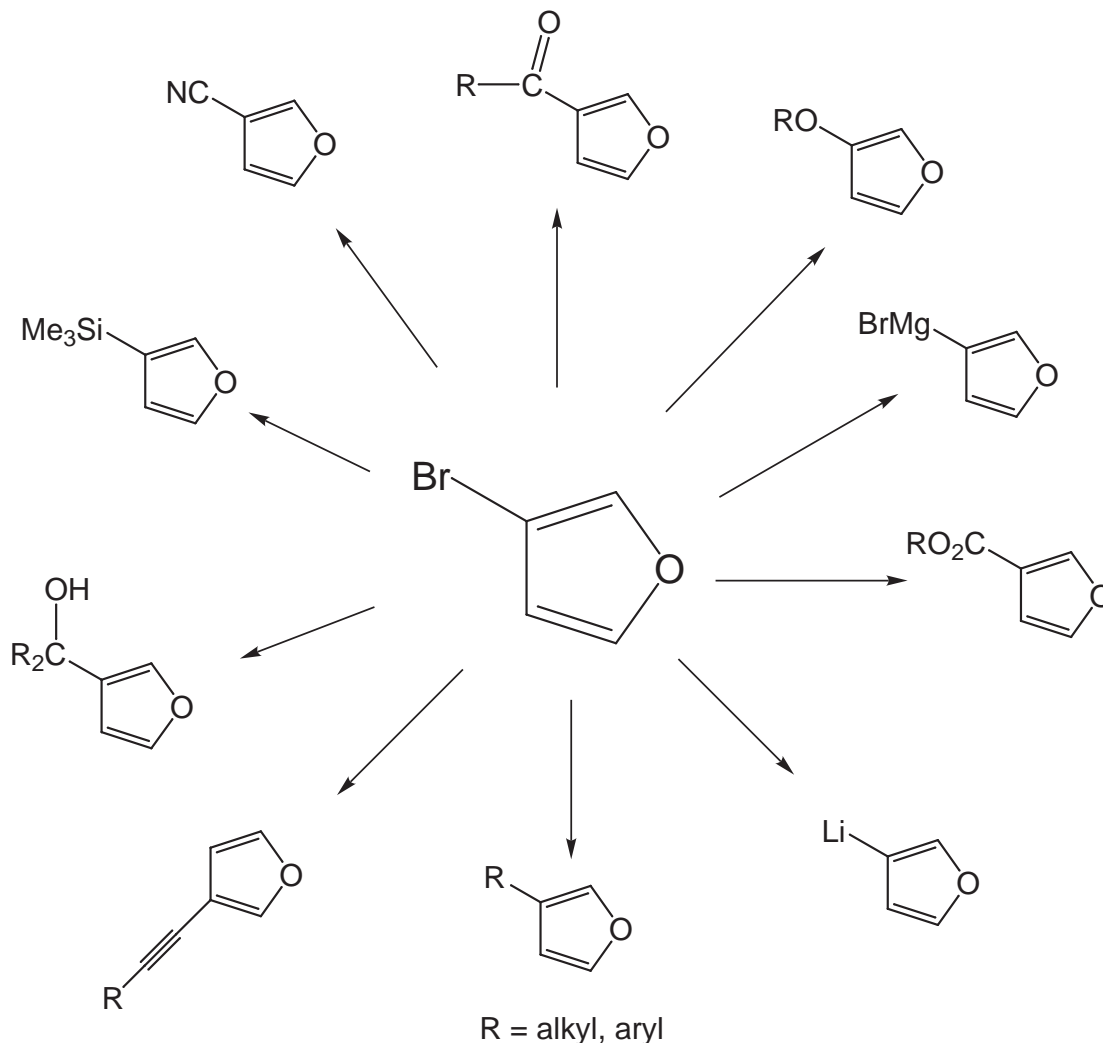
- Pharmaceuticals
- Grignard chemistry
- Suzuki couplings
- Pesticide production
- Plant protection agents

Storage & Handling

Penn's unique process yields a stabilized product for storage and shipment. Long-term stability studies are ongoing. Currently, Penn recommends use within 6 months from production. 3-Bromofuran must be protected from light, heat, and strong oxidizing agents.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

3-Bromofuran



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