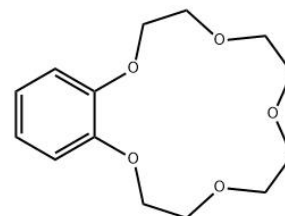


Technical Data Sheet

Benzo-15-crown-5

Compound Information

Product Name:	Benzo-15-crown-5
CAS No.:	14098-44-3
Molecular Formula:	C ₁₄ H ₂₀ O ₅
Molecular Weight:	268.31
Storage:	Store at RT, under inert gas
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	Benzo-15-crown-5-ether can be used as a chelating agent for sodium and potassium.
Form	Powder or Flakes
Color	Almost white to light gray
Solubility	Soluble in hot methanol. Slightly soluble in water.
Melting Point	78-80 °C (lit.)
Purity by GC	≥ 98%
MS	Pass test
1H NMR	Pass test
13C NMR	Pass test
ESR	Pass test
IR	Pass test
Raman	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.