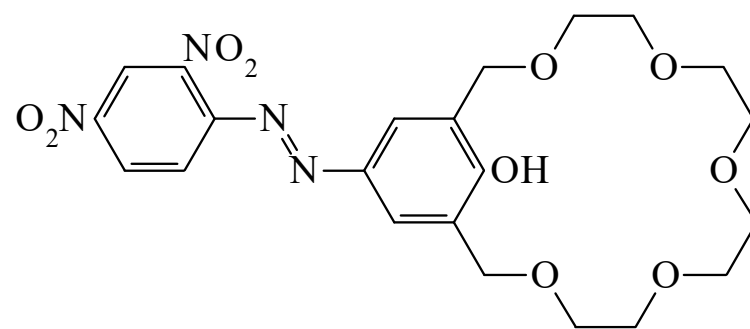




>>Entry Name: 19-[(2,4-Dinitrophenyl)azo]-3,6,9,12,15-pentaoxabicyclo[15.3.1]heneicosa-1(21),17,19-trien-21-ol, 9Cl



CAS Registry Number: 81238-58-6

Type of Compound Code(s): PA3450 PM6200 PS8300

Molecular Formula: C₂₂H₂₆N₄O₁₀

Molecular Weight: 506.468

Accurate Mass: 506.164896

Percentage Composition: C 52.17%; H 5.17%; N 11.06%; O 31.59%

Use/Importance: Used as 0.1% MeOH soln. for photometric detn. of K (optical sensor for K)

Physical Description: Orange cryst. (EtOH)

Solubility: Sol. EtOH, MeOH

References:

Al-Amir, S.M. *et al.*, *Talanta*, 1989, **36**, 645, (*detn. K*)