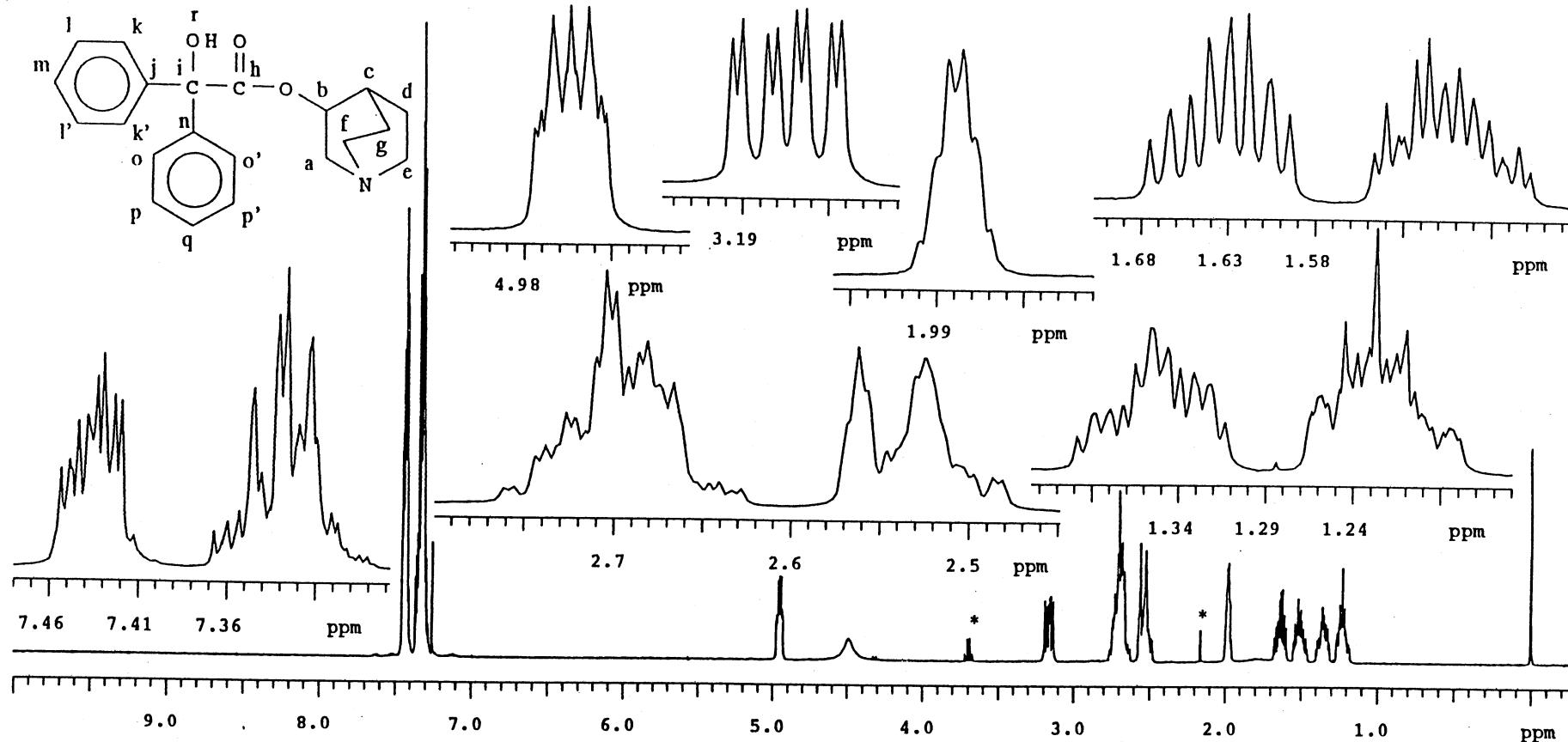


5-3-63

 $^1\text{H NMR}$ **BZ (3-Quinuclidinyl benzilate)**

6581-06-2



Solvent:  $\text{CDCl}_3$   
 Concentration: 14.3 mg/0.7 ml  
 Reference substance: TMS  
 Sample temperature: 30.0 °C  
 Resonance frequency: 400.137 MHz  
 Spectral width: 4424.8 Hz  
 Data points (FID; spec.): 32 k; 32 k

Flip angle; Pulse width: 73 °; 6.2  $\mu\text{s}$   
 No. of scans; Rep. time: 32; 19.7 s  
 Weighting; Line broad.: exp.; 0.1 Hz  
 Spectral resolution: 0.7 Hz (TMS)  
 Instrument: Bruker AMX-400  
 Source reference: 930916-850

nuc.	$\delta$ [ppm]	nuc.	$\delta$ [ppm]
a	2.54; 3.165	g	1.503; 1.636
b	4.954	k, k', o, o'	7.43-7.45
c	1.980	l, l', m, p, p', q	7.31-7.34
d	1.227; 1.356	r	4.49
e	2.52; 2.70		
f	2.68-2.71		

OPCW Code: 5-3-63 (P1/1)