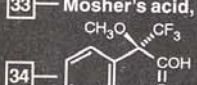


ALDRICH CATALOG KEY TO Chemical Listings

1	2	3	4	5	6	7	8
27,072-5	Acetone, 99.9+%, HPLC grade [67-64-1]	CH ₃ COCH ₃	FW 58.08	mp -94°	100mL	14.80	
9	bp 56° n _D 1.3590 d 0.791 Fp 1°F(-17°C) Beil. 1,635 Fieser 2,13,3,4,6,9				1L	19.45	
10	Merck Index 2,64 FT-NMR 1(1),631A FT-IR 1(1),405A Safety 2,20A R&S 1(1),447A				6x1L	102.00	
11	RTECS# AL3150000 FLAMMABLE LIQUID IRRITANT				2L +	29.25	
	Glass distilled				4x2L †	96.80	
					4x4L †	185.20	
					18L	144.15	20
21	Max. U.V. Abs. (1 cm. cell - vs. H ₂ O)						
	λ (nm) 400 350 340 330						
	A 0.01 0.02 0.10 1.0						
	Water < 0.5% Evapn. residue < 0.0002%						
22	23	24					
15,526-8	(R)-(+)-α-Methoxy-α-(trifluoromethyl)phenylacetic acid, 99%	100mg	11.80				
	[20445-31-2] [(+)-M7PA] FW 234.17 bp 116-118°/1.5mm n _D 1.4730 d 1.344	250mg	23.60				
25	Fp > 230°F(110°C) [α] _D + 72 (c=1.6, CH ₃ OH) FT-IR 1(2)144A	1g	78.60				
26	Derivatives of this acid are best known for separations, ¹ but have analytical uses on a preparative scale as well. ² (1) Yamaguchi, S. <i>Asymmetric Synthesis</i> ; Morrison, J.D. Ed.; Academic Press: New York, 1983; Vol 1, p128(Z12,297-5). (2) <i>Tetrahedron</i> 1992, 48, 10531.	5g	275.20				
27	99% ee/GLC						
23,409-5	Methylene Blue, zinc chloride double salt monohydrate [26283-09-0] (Basic	100g	19.90				
28	Blue 0; C.I. 52015) FW 406.01 d 0.980 Fp none λ _{max} 664nm Merck Index 12,5979						
29	UV-Vis 450 IRRITANT						
30							
31							
32							
33	Mosher's acid, see α-Methoxy-α-(trifluoromethyl)phenylacetic acid						
34							
	15,526-8						

1. Aldrich catalog number
2. Product name
3. Chemical purity
4. Chemical Abstracts Service Registry Number
5. Linear representation of chemical structure
6. Formula weight
7. Melting point in °C
8. Units and prices
9. Denotes that the chemical is in the EPA inventory under TSCA
10. Boiling point in °C
11. Reference to Registry of Toxic Effects of Chemical Substances
12. Index of refraction
13. Reference to *Aldrich Library of ¹³C and ¹H FT-NMR Spectra*
14. Density of liquid at 25 °C
15. Flash point (closed cup)
16. Beilstein reference
17. Fieser reference
18. Reference to *Sigma-Aldrich Library of Chemical Safety Data*
19. Reference to *Sigma-Aldrich Library of Regulatory & Safety Data*
20. This quantity of chemical must be shipped by truck
21. Product specifications
22. Alternate product name
23. Specific rotation determined at the temperature and under the conditions indicated using the D line of sodium
24. Reference to *Aldrich Library of FT-IR Spectra*
25. Catalog entry has structure appearing at the bottom of page
26. Use statement including pertinent literature reference
27. Enantiomeric excess/method of determination
28. Color Index number
29. Reference to *Sigma-Aldrich Library of Stains, Dyes & Indicators*
30. Precautions
31. Wavelength in nanometers at which the maximum absorption of a stain or dye was observed
32. Merck Index reference
33. Cross-reference
34. Structure and catalog number

The chemical listings above are used for display purposes only and may not be current.