

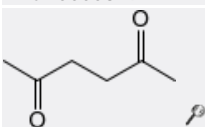




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## Acetylacetone, 97%

[MSDS](#) [Specifications](#) [Applications](#) [Categories](#) [3D model](#) [Infrared](#) [Molfile](#)

General																					
Product Name	Acetylacetone 2,5-Hexanedione																				
CAS RN	110-13-4																				
ACD Code	MFCD00008792																				
Structure																					
Molecular Formula	C <sub>6</sub> H <sub>10</sub> O <sub>2</sub>																				
Molecular weight	114.14																				
Pack size	<table border="1"><thead><tr><th>Catalog</th><th>Qty / UM</th><th>Price (USD)</th><th></th></tr></thead><tbody><tr><td> 102400010</td><td>1 LT</td><td>604.00</td><td><a href="#">Order</a> <a href="#">Check stock</a> Glass bottle</td></tr><tr><td> 102400050</td><td>5 ML</td><td>14.60</td><td><a href="#">Order</a> <a href="#">Check stock</a> Glass bottle</td></tr><tr><td> 102401000</td><td>100 ML</td><td>88.00</td><td><a href="#">Order</a> <a href="#">Check stock</a> Glass bottle</td></tr><tr><td> 102402500</td><td>250 ML</td><td>173.90</td><td><a href="#">Order</a> <a href="#">Check stock</a> Glass bottle</td></tr></tbody></table>	Catalog	Qty / UM	Price (USD)		102400010	1 LT	604.00	<a href="#">Order</a> <a href="#">Check stock</a> Glass bottle	102400050	5 ML	14.60	<a href="#">Order</a> <a href="#">Check stock</a> Glass bottle	102401000	100 ML	88.00	<a href="#">Order</a> <a href="#">Check stock</a> Glass bottle	102402500	250 ML	173.90	<a href="#">Order</a> <a href="#">Check stock</a> Glass bottle
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Physical																					
Density (g/cm <sup>3</sup> )	0.973																				
Refractive index	1.425 - 1.427																				
Boiling Point (°C)	185 - 193																				
Melting Point (°C)	-6																				
Flash Point (°C)	78																				
Safety																					
GHS Pictogram																					
GHS Signal Word	Warning																				
GHS H statement	H315: Causes skin irritation H319: Causes serious eye irritation H373: May cause damage to organs through prolonged or repeated exposure																				
GHS P statement	P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P261: Avoid breathing dust/fume/gas/mist/vapors/spray P280: Wear protective gloves/protective clothing/eye protection/face protection P302+ P352: IF ON SKIN: Wash with plenty of soap and water																				
Categories																					
Building Blocks > Organic Building Blocks > Carbonyl Compounds > Ketones > C3 to C6 																					
Applications																					
Function	Transformation	Type	Caveat	Reference																	
Reagent	Protecting Group Chemistry	Protection of amines	Primary amines are protected as the 2,5-dimethylpyrrole.	JCS(P1) 1984, 2801																	
Reagent	Ring Synthesis	2,5 dimethylpyrroles	Paal-Knorr synthesis.	OSC 2, 219																	
Other																					
Infrared	<a href="#">Show</a>																				
Parameter	EINECS	203-738-3	Solubility in water: miscible Solubility in other solvents: miscible with alcohol, ether, ethanol and diethyl ether																		
	Solubility	miscible in organic solvents																			
	Origin	synthetic																			
	Reference: Beilstein	01,788																			
	Reference: Merck	15,70																			
3D model	<a href="#">Show</a>																				