

Table 9. Esters (including cyclic esters) reported in the literature that have been detected in the healthy human body

Table 9a. Table showing all the acetic acid esters reported in the literature that have been detected in faeces, urine, breath, skin secretions, milk, blood and saliva from healthy humans

CAS-number	Compound name	Faeces	Urine	Breath	Skin	Milk	Blood	Saliva
79-20-9	acetic acid, methyl ester	F		Br				
141-78-6	acetic acid, ethyl ester / ethyl acetate	F	U	Br		M	Bl	Sa
109-60-4	acetic acid, propyl ester	F		Br				Sa
108-21-4	acetic acid, isopropyl ester / isopropyl acetate			Br				Sa
123-86-4	acetic acid, butyl ester	F		Br				
110-19-0	acetic acid, isobutyl ester / isobutyl acetate			Br				
628-63-7	acetic acid, pentyl ester	F						
626-38-0	acetic acid, 1-methylbutyl ester / 1-methylbutyl acetate			Br				
624-41-9	acetic acid, 2-methylbutyl ester / 2-methylbutyl acetate			Br				
123-92-2	acetic acid, isopentyl ester / isopentyl acetate			Br				
142-92-7	acetic acid, hexyl ester	F						
5921-82-4	acetic acid, 1-methylhexyl ester / 1-methylhexyl acetate				Sk			
103-09-3	acetic acid, 2-ethyl-1-hexanol ester / 2-ethyl-1-hexanol acetate			Br				Sa
140-11-4	acetic acid, benzyl ester / benzyl acetate / acetic acid, phenylmethyl ester				Sk			Sa
21040-45-9	acetic acid, cinnamyl ester / E-cinnamyl acetate				Sk			
103-45-7	acetic acid, 2-phenylethyl ester / phenylethylester acetic acid				Sk			
72237-36-6	acetic acid, 4-hexen-1-ol ester / acetate-4-hexen-1-ol			Br				
108-05-4	acetic acid, ethenyl ester	F						
820-71-3	acetic acid, 2-methylprop-2-en-1-yl ester / 1-acetoxy-2-methyl-2-propene			Br				
20298-69-5	acetic acid, cis-2-tert-butylcyclohexyl ester / cis-2-tert-butylcyclohexyl acetate				Sk			
32210-23-4	acetic acid, 4-t-butylcyclohexyl ester / vertenex / 4-t-butylcyclohexyl acetate				Sk			
108-65-6	acetic acid, 1-methoxy-2-propyl ester / 1-methoxy-2-propyl acetate			Br				
41448-83-3	acetic acid, 3-methoxypropyl ester / 3-methoxypropyl acetate / 3-methoxy-acetate-1-propanol			Br				
90-17-5	acetic acid, alpha-trichloromethylbenzyl ester / alpha-trichloromethylbenzyl acetate							Sa

CAS-number	Compound name	Faeces	Urine	Breath	Skin	Milk	Blood	Saliva
53767-93-4	acetic acid, dihydromyrcenyl ester / dihydromyrcenol acetate				Sk			
141-12-8	acetic acid, (Z)-3,7-dimethyl-2,6-octadien-1-ol ester / neryl acetate				Sk			
105-87-3	acetic acid, (E)-3,7-dimethyl-2,6-octadien-1-ol ester / geranyl acetate				Sk			Sa
150-84-5	acetic acid, 3,7-dimethyl-6-octen-1-ol ester / citronellol acetate				Sk			
93-29-8	acetic acid, isoeugenyl ester / isoeugenol acetate				Sk			
89-48-5	acetic acid, menthyl ester / menthyl acetate							Sa
20777-45-1	acetic acid, isomenthyl ester / isomenthyl acetate							Sa
80-26-2	acetic acid, alpha-terpinyl ester / alpha-terpinyl acetate							Sa
79-20-9	acetic acid, methyl ester	F		Br				
141-78-6	acetic acid, ethyl ester / ethyl acetate	F	U	Br		M	Bl	Sa
109-60-4	acetic acid, propyl ester	F		Br				Sa
108-21-4	acetic acid, isopropyl ester / isopropylacetate			Br				Sa
123-86-4	acetic acid, butyl ester	F		Br				
110-19-0	acetic acid, isobutyl ester / isobutyl acetate			Br				
628-63-7	acetic acid, pentyl ester	F						
626-38-0	acetic acid, 1-methylbutyl ester / 1-methylbutyl acetate			Br				
624-41-9	acetic acid, 2-methylbutyl ester / 2-methylbutyl acetate			Br				
123-92-2	acetic acid, isopentyl ester / isopentyl acetate			Br				
142-92-7	acetic acid, hexyl ester	F						
5921-82-4	acetic acid, 1-methylhexyl ester / 1-methylhexyl acetate				Sk			