

Table 9c. Table showing branched and cyclic aliphatic 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
	branched aliphatic acid esters							
547-63-7	2-methylpropanoic acid, methyl ester	F						
97-62-1	2-methylpropanoic acid, ethyl ester	F						
644-49-5	2-methylpropanoic acid, propyl ester / n-propyl isobutyrate	F						Sa
2445-69-4	2-methylpropanoic acid, 2-methylbutyl ester / 2-methylbutyl 2-methylpropanoate			Br				
868-57-5	2-methylbutanoic acid, methyl ester	F						
7452-79-1	2-methylbutanoic acid, ethyl ester / 2-methylbutyric acid, ethyl ester	F		Br				
37064-20-3	2-methylbutanoic acid, propyl ester	F						
108-64-5	3-methylbutanoic acid, ethyl ester / ethylisovalerate			Br				
109-19-3	3-methylbutanoic acid, butyl ester	F						
7425-14-1	2-ethylhexanoic acid, 2-ethylhexyl ester / 2-ethylhexyl 2-ethylhexanoate				Sk			
5129-65-7	10-methyldodecanoic acid, methyl ester				Sk			
213617-69-7	9-methyltetradecanoic acid, methyl ester				Sk			
5487-50-3	13-methylpentadecanoic acid, methyl ester				Sk			
5129-60-2	14-methylpentadecanoic acid, methyl ester				Sk			
158274-92-1	methylhexadecanoic acid, methyl ester				Sk			
5129-61-3	16-methylheptadecanoic acid, methyl ester				Sk			
	cyclic aliphatic acid esters							
4630-82-4	cyclohexanecarboxylic acid, methyl ester	F						
3289-28-9	cyclohexanecarboxylic acid, ethyl ester	F						

NOTES ui unidentified isomer