

Cyclic fatty acid monomers or the potential wild card in *trans* fats

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Angers et al Letter to the editor VF1 11-06-2020 HJ_PA5-1b.pdf available at <https://authorea.com/users/334497/articles/460449-cyclic-fatty-acid-monomers-or-the-potential-wild-card-in-trans-fats>

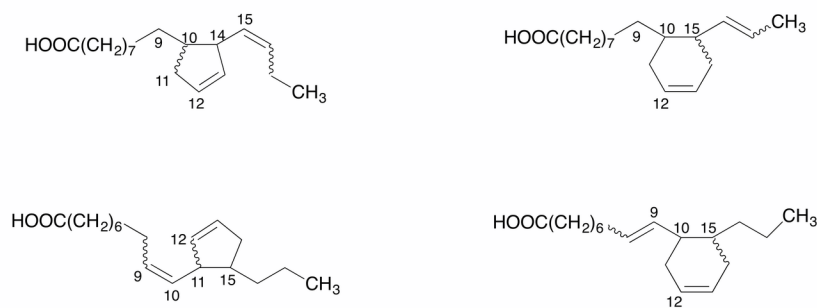


Table 1. CFAM content in oils and in the diets^a

Ring			Double bonds		CFAM	CFAM
Size	Position	Config.	Position	Config.	in oil (%)	in diet (%)
5	10-14	<i>trans</i>	12,15	<i>E</i>	0,054	0,0054
5	11-15	<i>trans</i>	9,12	<i>E</i>	0,029	0,0029
5	11-15	<i>trans</i>	9,12	<i>Z</i>	0,006	0,0006
5	10-14	<i>trans</i>	12,15	<i>Z</i>	0,032	0,0032
5	10-14	<i>cis</i>	12,15	<i>E</i>	0,037	0,0037
5	11-15	<i>cis</i>	9,12	<i>E</i>	0,0005	0,00005
5	10-14	<i>cis</i>	12,15	<i>Z</i>	0,076	0,0076
5	11-15	<i>cis</i>	9,12	<i>Z</i>	0,050	0,0050
6	10-15	<i>cis</i>	8,12	<i>E</i>	0,032	0,0032
6	10-15	<i>trans</i>	8,12	<i>E</i>	0,063	0,0063
6	10-15	<i>trans</i>	8,12	<i>Z</i>	0,004	0,0004
6	10-15	<i>trans</i>	12,16	<i>E</i>	0,044	0,0044
6	10-15	<i>cis</i>	8,12	<i>Z</i>	0,066	0,0066
6	10-15	<i>cis</i>	12,16	<i>E</i>	0,0035	0,00035
6	10-15	<i>trans</i>	12,16	<i>Z</i>	0,001	0,0001
6	10-15	<i>cis</i>	12,16	<i>Z</i>	0,003	0,0003

^a Adapted from Mboma et al. (8).