

*Table 5e.* Table showing the alkynes reported in the literature that have been detected in the healthy human body

CAS-number	Compound name	Faeces	Urine	Breath	Skin	Milk	Blood	Saliva
74-99-7	1-propyne			Br				
107-00-6	1-butyne			Br				
503-17-3	2-butyne			Br				
689-97-4	1-buten-3-yne			Br				
26856-36-0	pentyne ui					M		
627-21-4	pent-2-yne / 1-ethyl-2-methylacetylene			Br				
1574-40-9	3-penten-1-yne, (Z)-			Br				
2004-69-5	3-penten-1-yne, (E)-			Br				
2206-23-7	2-penten-4-yne			Br				
26856-30-4	hexyne ui					M		
26856-31-5	heptyne ui					M		
628-71-7	1-heptyne			Br				
2586-89-2	hept-3-yne / 1-ethyl-2-propylacetylene			Br				
32073-03-3	an octyne					M		
32073-04-4	nonyne ui					M		
27381-15-3	decyne ui					M		
82042-44-2	dodecyne ui					M		
917-92-0	3,3-dimethyl-1-butyne			Br				
999-78-0	4,4-dimethyl-2-pentyne			Br				
78-80-8	2-methyl-1-buten-3-yne			Br				
598-23-2	3-methyl-1-butyne		U					
1574-33-0	3-methyl-3-penten-1-yne			Br				
21020-27-9	4-methyl-2-pentyne			Br				
7154-75-8	4-methyl-1-pentyne			Br				
61228-09-9	5-methyl-3-heptyne			Br				
36566-80-0	2-methylhex-3-yne / 1-ethyl-2-isopropylacetylene			Br				
2203-80-7	5-methyl-1-hexyne			Br				

NOTES ui unidentified isomer