Supplementary material to:

M. Venayagamoorthy and T.A. Ford, *S. Afr. J. Chem.,* 2009, **62**, 149–155.

CARTESIAN COORDINATES OF THE FOUR COMPLEXES

Atom	$SO_2.CO_2$ Coordinates/Angstrom		
	X	Y	Z
C	–2.131898	0.235133	–0.014128
O	0.481225	–1.025630	–0.141578
O	–1.566495	1.146808	–0.483932
O	–2.707872	–0.667710	0.453252
S	1.704459	–0.222088	–0.273045
O	1.983147	0.814359	0.728944

Atom	$SO_2.OCS$ Coordinates/Angstrom		
	X	Y	Z
C	–1.618338	0.619639	–0.155352
O	0.894720	–1.123591	–0.224152
O	–0.816451	1.422378	–0.450043
S	–2.678906	–0.454389	0.236922
S	2.065580	–0.237783	–0.278977
O	2.362137	0.620827	0.874819

Atom	$SO_2.CS_2$ Coordinates/Angstrom		
	X	Y	Z
C	–1.615713	0.192480	0.030935
O	1.285772	–1.299549	–0.499732
S	–1.233767	1.699680	–0.150959
S	–1.962724	–1.316070	0.210245
S	1.965649	–0.006725	–0.329509
O	2.387695	0.401418	1.016979

Atom	$SO_2.N_2O$ Coordinates/Angstrom		
	X	Y	Z
N	–2.085788	0.272463	–0.043458
O	0.519423	–1.076323	–0.145251
N	–1.539761	1.159377	–0.562132
O	–2.634811	–0.628653	0.482311
S	1.680822	–0.185801	–0.281643
O	1.926099	0.823718	0.756119