

Supplementary Materials

Synthesis of highly dispersed 12-molybdophosphoric acid catalysts with defective structure and strong acidity for ultralow sulfur diesel production

Table SM1. The Atomic Fraction Coordinates of Orthorhombic Structure of α -MoO₃ Phase. Space Group *Pbnm* (No. 62)

Atoms	Site	x	y	z
Mo	4 c	0.0894	0.1054	0.25
O(1)	4 c	0.5860	0.4384	0.25
O(2)	4 c	0.0388	0.0739	0.25
O(3)	4 c	0.0455	0.2238	0.25

Table SM2. The Atomic Fraction Coordinates of Monoclinic Structure of β -MoO₃ Phase. Space Group *P21/m* (No. 11)

Atoms	Site	x	y	z
Mo	2 e	0.3833	0.25	0.2236
O(1)	2 e	0.4690	-0.25	0.3087
O(2)	2 e	-0.2786	0.25	0.3213
O(3)	2 e	0.3916	0.25	0.0629