

## Ac – O (Actinium – Oxygen)

### Phase diagram

Phase equilibria are not investigated. There exists the intermediate phase  $\text{Ac}_2\text{O}_3$ .

### Crystal structure

The structure of  $\text{Ac}_2\text{O}_3$  is hexagonal (prototype is  $\text{La}_2\text{O}_3$ ) [49 Zac]. Lattice parameters:

$$a = 0.408 \text{ nm}$$

$$c = 0.630 \text{ nm.}$$

### Reference

[49 Zac] Zachariasen, W.H.: Acta Crystallogr., **2** (1949) 388