



>>Entry Name: **Tris(3-hydroxypropyl)phosphine**

Synonym(s): 3,3',3"-Phosphinidynetris-1-propanol, 9CI

CAS Registry Number: 4706-17-6

$\text{P}(\text{CH}_2\text{CH}_2\text{CH}_2\text{OH})_3$

Molecular Formula: $\text{C}_9\text{H}_{21}\text{O}_3\text{P}$

Molecular Weight: 208.237

Accurate Mass: 208.122832

Percentage Composition: C 51.91%; H 10.16%; O 23.05%; P 14.87%

Physical Description: Liq.

Boiling Point: Bp₁ 196-198°

References:

Knunyants, I.L. *et al.*, *Dokl. Akad. Nauk SSSR*, 1947, **56**, 49; *CA*, 1948, **42**, 519g, (*synth*)

Stiles, A.R. *et al.*, *J.A.C.S.*, 1952, **74**, 3282

U.S. Pat., 1970, 3 489 811; *CA*, **72**, 67098, (*synth*)