

1-Propanol, 2,3-dibromo-, phosphate (3:1)

Other names:

- Anfram 3PB
- Apex 462-5
- Bromkal P 67-6HP
- ES 685
- Firemaster LV-T 23P
- Firemaster T 23P
- Flamex T 23P
- Flammex AP
- Flammex T 23P
- Fyrol HB 32
- T 23P
- Tris
- Tris (Flame retardant)
- Tris(2,3-dibromopropyl) phosphate
- TDBPP
- Zetofex ZN
- Phosphoric acid tri(2,3-dibromopropyl) ester
- (2,3-Dibromopropyl) phosphate
- Firemaster t23p-lv
- NCI-C03270
- Phosphoric acid, tris(2,3-dibromopropyl) ester
- Tdbp
- Tris(dibromopropyl) phosphate
- Tris-Bp
- Tris-2,3-dibromopropyl ester kyseliny fosforecne
- USAF do-41
- 2,3-Dibromo-1-propanol phosphate
- Flammex lv-T 23P
- Rcra waste number U235
- Tris(2,3-dibromopropyl) phosphoric acid ester
- Tris-(2,3-dibrompropyl)fosfat
- Zetifex zn
- 1-Propanol, 2,3-dibromo-, phosphate
- FR-2406
- TDCPP
- Flacavon R
- 1-Propanol, 2,3-dibromo-, 1,1',1"-phosphate
- 3PBR
- FireMaster T 23
- NSC 3240

Phoscon PE 60
Phoscon UF-S

Inchi: InChI=1S/C9H15Br6O4P/c10-1-7(13)4-17-20(16,18-5-8(14)2-11)19-6-9(15)3-12/h7-9H,1
InchiKey: PQYJRMFWJJONBO-UHFFFAOYSA-N
Formula: C9H15Br6O4P
SMILES: O=P(OCC(Br)CBr)(OCC(Br)CBr)OCC(Br)CBr
Mol. weight [g/mol]: 697.61
CAS: 126-72-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.04		Crippen Method
logp	5.620		Crippen Method
mcvol	286.610	ml/mol	McGowan Method

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C126727&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume

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