

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number	41058
Product	(+)-4,5-Bis[hydroxy(diphenyl)methyl]-2,2- (+)- <i>trans</i> - α,α' -(2,2-Dimethyl-1,3-dioxolane-4,5-diyl) (2 <i>S</i> ,3 <i>S</i>)-2,3- <i>O</i> -Isopropylidene-1,1,4,4-tetraphenyl-1,2,3,4-butanetetrol
CAS Number	93379-49-8
Molecular Formula	C ₃₁ H ₃₀ O ₄
Molecular Weight	466.58

Synonym 3	(+)-2,3- <i>O</i> -Isopropylidene-1,1,4,4-tetraphenyl-D-threitol
Appearance	White to off-white crystal
Melting Point	194 - 198 °C
Optical Rotation	$[\alpha]^{20}_D = 67 \pm 2^\circ$ (C = 1 in CHCl ₃)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 97%
Chiral Purity	≥ 98% (ee)
Storage	Store at RT

For Laboratory Use Only