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## CERTIFICATE OF ANALYSIS

Analysis Date:

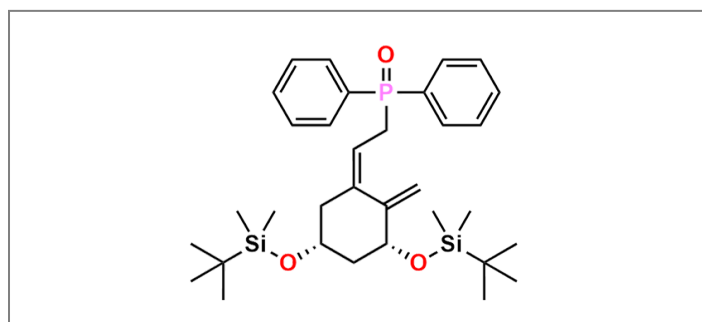
Re-test Date:

**Product Name: Maxacalcitol Impurity 4**

### Identification:

Chemical Name: ((Z)-2-((3R,5R)-3,5-Bis((tert-butyl)dimethylsilyloxy)-2-methylenecyclohexylidene)ethyl)diphenylphosphine oxide

Synonyms : NA  
CAS Number : 496046-06-1  
CAT Number : CP-M201004  
Molecular Formula : C<sub>33</sub>H<sub>51</sub>O<sub>3</sub>PSi<sub>2</sub>  
Molecular Weight : 582.91



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>98%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.