



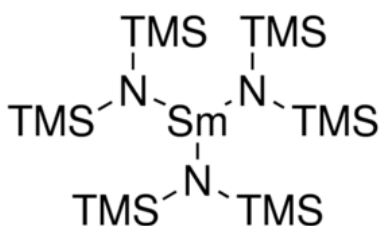
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## PRODUCT SPECIFICATION

Product Name	<a href="#">Tris[N,N-bis(trimethylsilyl)amide]samarium(III)</a>
Product Code	SM9016
CAS Number	35789-01-6
Molecular formula	$C_{18}H_{54}Si_6N_3Sm$
Linear formula	$Sm(N(Si(CH_3)_2)_3)_3$
Molecular weight	631.51
Melting point	93-106C



### TEST

### SPECIFICATION

Assay (purity)	97.5%+
Purity method	by titration
Appearance	white to yellow powder or crystals
NMR	conforms to structure
Titration	%Sm=23.2-24.4
Titration type	complexometric

For available packaging options or alternative purify grades please contact our technical services.

The offered information is intended to be used by technically qualified personnel at their discretion and risk. The current Specification sheet may be available at [ereztech.com](http://ereztech.com). Purchaser must determine the suitability of the product for its particular use.