



SPECIALTY REAGENTS

Rely on high purity products from an experienced manufacturer.



QUALITY PRODUCTS DELIVERED IN DAYS

Derivatizing Reagents

Ion Pairing & Buffers

Diagnostic & Imaging



REAGENTS

GC DERIVATIZATION

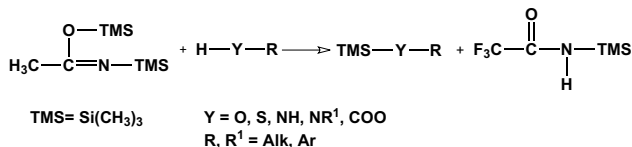
For more than 50 years, Regis has been a leader in the manufacture of highly pure derivatization reagents for gas chromatography. For the analytical chemist, derivatization can be the key to unlocking and simplifying many complex separation problems. We offer a full range of silylation, acylation, and alkylation reagents.



BSTFA-REGISIL® *N,O-Bis(trimethylsilyl)trifluoroacetamide*

- Reacts faster and more completely than BSA due to presence of trifluoroacetyl group
- The high volatility of BSTFA results in separation of early eluting peaks
- Highly volatile and stable products result in low detector noise and fouling
- Excellent solubility

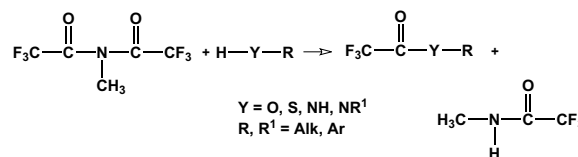
SIZE	CATALOG #
10 x 1 gm	1-270111-200
10 gm	1-270118-200
4 x 5 gm	1-270112-200
25 gm	1-270113-200
100 gm	1-270114-200
1000 gm	1-270116-200



MBTFA *N-Methyl-N-bis(trifluoroacetamide)*

- Reacts rapidly under mild conditions with primary and secondary amines
- Reacts more slowly with alcohols, phenols, and thiols
- Enables the analysis of sugars

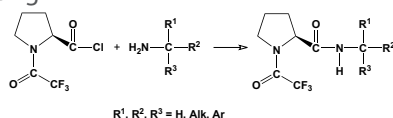
SIZE	CATALOG #
10 x 1 gm	1-270092-200
5 gm	1-270091-200
25 gm	1-270095-200
100 gm	1-270093-200



TPC *N-Trifluoroacetyl-L-Prolyl Chloride*

- Couples with amines to form diastereomers which can be separated on GC columns
- Provides sample volatility
- Used for confirmation of drugs of abuse testing

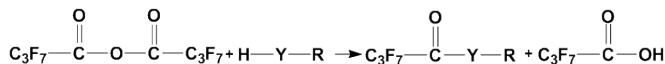
SIZE	CATALOG #
25 ml	1-440001-200
5 ml	1-440002-200



HFBA *Heptafluorobutyric Anhydride*

- Most commonly used for ECD
- Reacts with alcohols, amines, and phenols
- Bases, such as triethylamine and trimethylamine, can be added to promote reactivity
- Frequently used for the confirmation of drugs of abuse

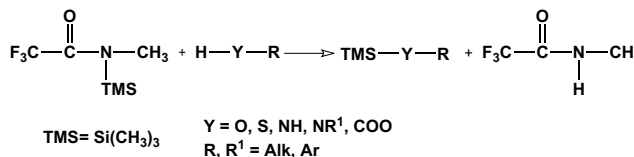
SIZE	CATALOG #
10 x 1 gm	1-270851-200
25 gm	1-270853-200



MSTFA *N-Methyltrimethylsilyltrifluoroacetamide*

- Most volatile of the TMS-acetamides
- Useful in the analysis of volatile trace materials

SIZE	CATALOG #
10 x 1 gm	1-270590-200
10 gm	1-270589-200
25 gm	1-270593-200
100 gm	1-270594-200



For more information, visit registech.com/reagents.



3.0N HCl in n-BUTANOL 3N Hydrochloric Acid in Butan-1-ol

- Used for neonatal screening measuring amino acids and acylcarnitines by Tandem Mass Spectrometry
- Ensures butylation of the carboxyl acid group of the analyte and formation of butyl ester, which forces ionization or makes charging of the analyte more efficient
- Butylesterification is superior with regard to sensitivity and specificity compared to non-derivatization procedure
- Manufactured under cGMP protocols to assure highest quality and lot-to-lot consistency

SIZE	CATALOG #
4 x 25 ml	1-201007-200
100 ml	1-201009-200
500 ml	1-201010-200

ION PAIRING

Regis manufactures ultrapure anionic Sulfonate (S-Series) and cationic Quaternary Amine (Q-Series) ion pair concentrates. We also offer individual sulfonates packaged in powder form in a variety of sizes.

PRODUCT	SIZE	CATALOG #
Ion Pair Concentrate Q-Series	Method Development Kit (Q5, Q6, Q7, Q8, Q12 10 ml each)	1-404020-200
Ion Pair Concentrate S-Series	Method Development Kit (S5, S6, S7, S8, 10 ml each)	1-405020-200
1-Pentanesulfonate	25 g	1-403025-200
1-Hexanesulfonate	25 g	1-403026-200
1-Heptanesulfonate	25 g	1-403027-200
1-Octanesulfonate	25 g	1-403028-200

DIAGNOSTIC & IMAGING

LUCIFERIN

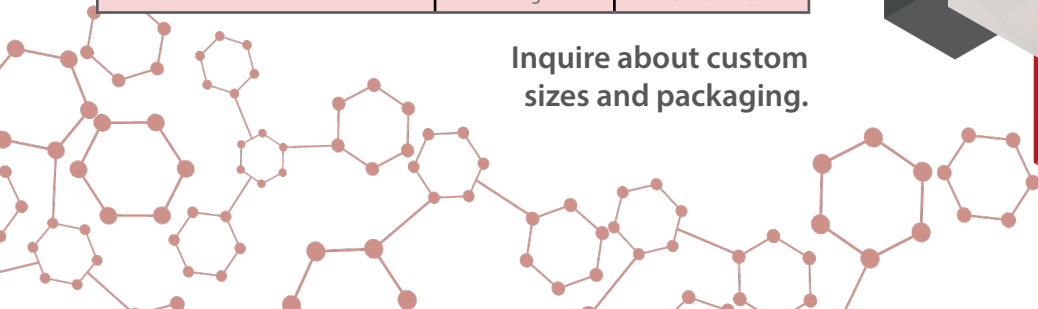
Regis Technologies manufactures D-Luciferin for use in research applications ranging from reporter gene assays to whole animal assays. We produce high purity Luciferin to ensure the highest signal, lowest background, highest reproducibility, and lowest sensitivity levels for your application.

COELENTERAZINE

When coelenterazine combines with luciferase, oxygen, and calcium ions, it produces oxy-coelenterazine and light. This allows coelenterazine to be used as a detection reagent for luciferase, oxygen, or calcium. Unlike fluorescence, the detection of bioluminescence in diagnostic tests can be performed in the dark thereby eliminating background noise.

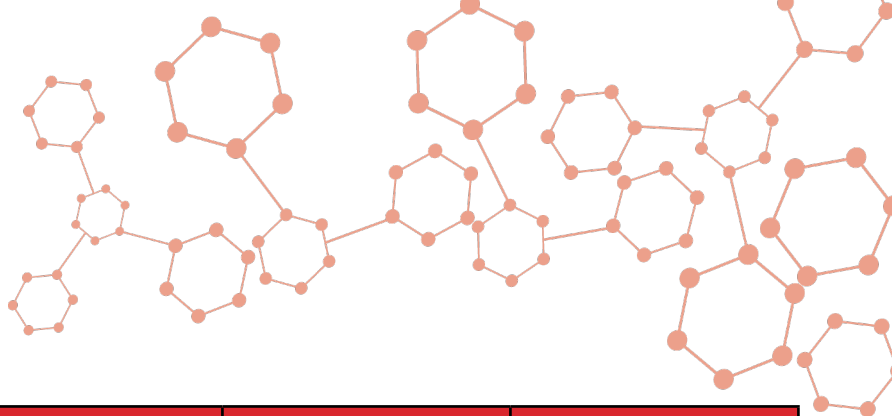
PRODUCT	SIZE	CATALOG #
D-Luciferin Potassium Salt	100 mg	1-360221-200
	1 g	1-360222-200
	10 g	1-360224-200
Coelenterazine-H	1 mg	1-361301-200
	100 mg	1-361304-200
4-Chloro-1-Naphthol	25 g	1-511640-200
	1 kg	1-511644-200

Inquire about custom sizes and packaging.



REAGENTS

Quality Products Delivered in Days



GAS CHROMATOGRAPHY DERIVATIZATION			ION PAIRING	DIAGNOSTIC & IMAGING
ALKYLATION	ACYLATION	SILYLATION		
3.0 N HCl in n-Butanol	(R)-(-)-MTPA-Cl	BSA	TBAP	D-Luciferin Potassium Salt
BF3 in Methanol	HFBA	BSTFA-Regisil®	Q-Series Ion Pair Concentrates (for Anions)	D-Luciferin Sodium Salt
	HFBI	BSTFA +1% TMCS-Regisil®	S-Series Ion Pair Concentrates (for Cations)	D-Luciferin Free Acid
DERIVATIZATION GRADE SOLVENTS	HFIP	BSTFA +10% TMCS-Regisil®	1-Heptanesulfonate	Firefly DehydroLuciferin
Acetonitrile	MBTFA	Deriva-Sil	1-Hexanesulfonate	Coelenterazine-H
Pyridine	MCF	Deriva-Sil Concentrate	1-Octanesulfonate	Coelenterazine, Native
	PFPA	HMDS	1-Pentanesulfonate	Coelenterazine, Native, Lyophilized
	TFAA	Hydrox-Sil		4-Chloro-1-Naphthol
	TPC	Hydrox-Sil Concentrate		GGPNA
		MSTFA		
		MSTFA +1% TMCS		
		MtBSTFA		
		MtBSTFA +1% t-BDMCS		
		TMCS		
		TMSI		

Bulk quantities available for many products. Inquire with Regis.

Order all products easily online or via purchase order and receive same day shipping on stocked items.



ABOUT REGIS TECHNOLOGIES, INC.

Regis Technologies, Inc. is a privately held company that provides synthesis and separations services to the pharmaceutical, biotechnology and other related industries. Regis provides innovative chromatography products and services, especially those with a chiral emphasis, through the utilization of our extensive organic expertise and collegiate collaborations. For more information, please visit www.registech.com.

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