

## Explore our new range of products for Reductive Amination

Reductive Amination has significant synthetic application and is often the first choice for the conversion of aldehydes and ketones into amines. Its synthetic utility is especially effective offering a one-pot process, which avoids the need to isolate intermediate imines.

We recently expanded our range of substrates for this highly important synthetic methodology with over 150 new aldehydes, ketones and amine building blocks of particular interest for drug discovery chemistry.

The range includes small heterocycles for good hydrogen bonding characteristics, minimal ring substitution for ease of structure activity relationship interpretation, and fluorine substitution for NMR-based screening. Discover a selection of our products for use in Reductive Amination below.

We also offer a number of key reducing agents, which can be used in conjunction with the following products to carry out Reductive Aminations.

### A selection of aldehydes for use in Reductive Amination

Product code	Product name	Pack size	CAS no.
429350010	4-Methyl-2-thiazolecarboxaldehyde, 97%	1g	13750-68-0
429350050	4-Methyl-2-thiazolecarboxaldehyde, 97%	5g	13750-68-0
CC78204DA	Benzo[b]furan-7-carbaldehyde	1g	95333-14-5
CC78204DE	Benzo[b]furan-7-carbaldehyde	5g	95333-14-5
429340010	1-Methyl-1H-indazole-4-carboxaldehyde, 95%	1g	1053655-56-3
429340050	1-Methyl-1H-indazole-4-carboxaldehyde, 95%	5g	1053655-56-3
431150010	1,3-Benzothiazole-6-carboxaldehyde, 97%	1g	19989-67-4
431150050	1,3-Benzothiazole-6-carboxaldehyde, 97%	5g	19989-67-4
429920010	3-Methylpyridine-2-carboxaldehyde, 97%	1g	55589-47-4
429970010	4-Methylthiazole-5-carboxaldehyde, 97%	1g	82294-70-0
429970050	4-Methylthiazole-5-carboxaldehyde, 97%	5g	82294-70-0
MAY00209DA	5-(Trifluoromethyl)pyridine-2-carboxaldehyde	1g	31224-82-5
434180010	2-Fluoro-4-(trifluoromethyl)benzaldehyde, 98%	1g	89763-93-9
434180050	2-Fluoro-4-(trifluoromethyl)benzaldehyde, 98%	5g	89763-93-9
439780010	2-Methoxy-3-pyridinecarboxaldehyde, 96%	1g	71255-09-9
439780050	2-Methoxy-3-pyridinecarboxaldehyde, 96%	5g	71255-09-9
437310010	5-Phenyl-2-furaldehyde, 96%	1g	13803-39-9
437310050	5-Phenyl-2-furaldehyde, 96%	5g	13803-39-9
435510010	Indole-6-carboxaldehyde, 97%	1g	1196-70-9
435512500	Indole-6-carboxaldehyde, 97%	250mg	1196-70-9

### A selection of ketones for use in Reductive Amination

Product code	Product name	Pack size	CAS no.
448820500	4'-Isobutylacetophenone, 97%	50g	38861-78-8
448822500	4'-Isobutylacetophenone, 97%	250g	38861-78-8
431230050	1-(tert-Butyldimethylsilyloxy)-2-propanone, 98%	5mL	74685-00-0
431230250	1-(tert-Butyldimethylsilyloxy)-2-propanone, 98%	25mL	74685-00-0
434700010	2-(Trifluoroacetyl)thiophene, 98%	1g	651-70-7
434700050	2-(Trifluoroacetyl)thiophene, 98%	5g	651-70-7
446730010	2,4-Piperidinedione, 97%	1g	50607-30-2
446730050	2,4-Piperidinedione, 97%	5g	50607-30-2
442040010	1-BOC-3-Azetidinone, 97%	1g	398489-26-4
442040050	1-BOC-3-Azetidinone, 97%	5g	398489-26-4
439410010	4-Methyl-1-indanone, 97%	1g	24644-78-8
439410050	4-Methyl-1-indanone, 97%	5g	24644-78-8
438170010	5-Acetyl-2-methoxypyridine, 97%	1g	213193-32-9
438170050	5-Acetyl-2-methoxypyridine, 97%	5g	213193-32-9

### A selection of ketones for use in Reductive Amination (continued)

Product code	Product name	Pack size	CAS no.
435540010	N-BOC-Hexahydro-1H-azepin-4-one, 97%	1g	188975-88-4
435540050	N-BOC-Hexahydro-1H-azepin-4-one, 97%	5g	188975-88-4
442330010	6-Fluoro-1-indanone, 97%	1g	1481-32-9
442330050	6-Fluoro-1-indanone, 97%	5g	1481-32-9
443270050	Tetrahydrothiophen-3-one, 98%	5g	1003-04-9
443270250	Tetrahydrothiophen-3-one, 98%	25g	1003-04-9

### A selection of amines for use in Reductive Amination

Product code	Product name	Pack size	CAS no.
432660010	(Chroman-8-ylmethyl)amine, 90%	1g	933727-40-3
432660050	(Chroman-8-ylmethyl)amine, 90%	5g	933727-40-3
431080010	8-Amino-5-bromoisquinoline, 97%	1g	90721-35-0
431080050	8-Amino-5-bromoisquinoline, 97%	5g	90721-35-0
432450010	7-Amino-2-methylindazole, 97%	1g	90223-02-2
432450050	7-Amino-2-methylindazole, 97%	5g	90223-02-2
429590010	6-Amino-1-methyl-1H-indazole, 97%	1g	74728-65-7
429590050	6-Amino-1-methyl-1H-indazole, 97%	5g	74728-65-7
433330010	6-Aminoindole, 97%	1g	5318-27-4
433330050	6-Aminoindole, 97%	5g	5318-27-4
429520010	5-Amino-1-methyl-1H-indazole, 97%	1g	50593-24-3
429520050	5-Amino-1-methyl-1H-indazole, 97%	5g	50593-24-3
168040050	3-Piperidinemethanol, 98%	5g	4606-65-9
168040250	3-Piperidinemethanol, 98%	25g	4606-65-9
168041000	3-Piperidinemethanol, 98%	100g	4606-65-9
432440010	7-Amino-1-methyl-1H-indazole, 95%	1g	41926-06-1
432440050	7-Amino-1-methyl-1H-indazole, 95%	5g	41926-06-1
119460250	5-Fluoro-2-methylaniline, 99%	25g	367-29-3
119461000	5-Fluoro-2-methylaniline, 99%	100g	367-29-3
119462500	5-Fluoro-2-methylaniline, 99%	250g	367-29-3
429860050	3-Amino-4-methylpyridine, 97%	5g	3430-27-1
429860250	3-Amino-4-methylpyridine, 97%	25g	3430-27-1

### A selection of key reducing agents for use in Reductive Amination

Product code	Product name	Pack size	CAS no.
168550100	Sodium cyanoborohydride, 95%	10g	25895-60-7
168550500	Sodium cyanoborohydride, 95%	50g	25895-60-7
168552500	Sodium cyanoborohydride, 95%	250g	25895-60-7
189300050	Sodium borohydride, 98+%, powder	5g	16940-66-2
189300100	Sodium borohydride, 98+%, powder	10g	16940-66-2
189301000	Sodium borohydride, 98+%, powder	100g	16940-66-2
189305000	Sodium borohydride, 98+%, powder	500g	16940-66-2
189300025	Sodium borohydride, 98+%, powder	2.5kg	16940-66-2
372451000	Sodium cyanoborohydride, 1M solution in THF, AcroSeal™	100mL	25895-60-7
372458000	Sodium cyanoborohydride, 1M solution in THF, AcroSeal	800mL	25895-60-7

For more information, or for a complete list of our products for Reductive Amination, please visit our web site [www.acros.com](http://www.acros.com)

## Authorised distributor

#### In Australia:

For customer service, call 1300-735-292  
To fax an order, use 1800-067-639  
To email an order, [ordersau@thermofisher.com](mailto:ordersau@thermofisher.com)

#### In New Zealand:

For customer service, call 0800-933-966  
To fax an order, use 0800-329-246  
To email an order, [ordersnz@thermofisher.com](mailto:ordersnz@thermofisher.com)

**ThermoFisher**  
SCIENTIFIC

