

NITRIC OXIDE

1 Nitric Oxide Pathway Reagents

Code	Product	Comments
16028	N-Acetyl-L-cysteine 98%	
10262	N-Acetyl-DL-penicillamine 98%	
16467	Adenosine-5'-diphosphate, disodium salt hydrate, 98%	
27153	D-Arginine 99%	
10499	L-(-)-Arginine 98%	
32861	Astaxanthin	Extremely potent antioxidant
22776	Bradykinin diacetate heptahydrate 98%	
26046	Calmodulin	
32863	Carboxy-PTIO	Used for an improved detection of nitric oxide in activated macrophage cultures in combination with Griess reagent
11047	L-(-)-Citrulline 99+%	
21858	Curcumin 98+% (UV)	
41058	Flavine-adenine dinucleotide 96% (UV-VIS)	
32824	Forskolin	Activates adenylate cyclase
32022	(-)-Glutathione, oxidized, 98%	
12000	Glutathione, reduced 98%	
41203	Hydroxyguanidine sulfate, monohydrate 99%	
32874	NADPH tetrasodium salt, approx 98%	
22613	3-Nitro-L-tyrosine 99%	
18656	Nocodazole, 99+%	
32880	ODQ	Potent and selective inhibitor of nitric oxide-sensitive guanylyl cyclase
12956	L-(-)-Ornithine hydrochloride, 99%	
20721	D-(-)-Ornithine hydrochloride, 98%	
32884	L-Septapterin	Key intermediate in the pterin salvage pathway
21510	Spermidine trihydrochloride, 99+%	
32887	(6R)-5,6,7,8-Tetrahydro-L-biopterin dihydrochloride	Cofactor of nitric oxide synthases
22757	Triphosphopyridine nucleotide, sodium salt, hydrate	

2 NO Donors

Code	Product	Comments
19577	Cupferron, p.a.	
32865	DETA NONOate	Induces apoptosis in macrophages
32870	MAHMA NONOate	
32878	S-Nitroso-N-acetyl-D,L-penicillamine	Stable analog of endogenous S-nitroso compounds
32879	S-Nitroso-L-glutathione	Carrier of nitric oxide
32881	PAPA NONOate	
32882	PROLI/NO	
32885	SIN-1 hydrochloride	Metabolite of the vasodilator molsidomine
21164	Sodium nitroferricyanide dihydrate, p.a.	
32886	Spermine NONOate	Br OH
31502	Streptozocin, 97%	

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Казахстан (772)734-952-31

3 NOS Inhibitors (Nitric Oxide Synthase)

Code	Product	Comments
29494	Actinomycin D 93%	
14906	Aminoguanidine bicarbonate, 98.5%	
40078	Aminoguanidine hemisulfate	
10376	Aminoguanidine nitrate, 99%	
15386	2-Amino-4-picoline 98%	
32860	AMT hydrochloride	Potent and selective inhibitor of inducible nitric oxide synthase.
40217	2-Benzyl-2-thiopseudourea hydrochloride 99% (Titr.)	
32862	3-Bromo-7-nitroindazole	Potent inhibitor of rat cerebellar nitric oxide synthase
32815	Calpain Inhibitor I	Inhibitor of calpain I, calpain II, cathepsin B and cathepsin L.
32816	Calpain Inhibitor II	Inhibitor of calpain I, calpain II, cathepsin B and cathepsin L.
22795	1-Chloro-3-tosylamido-7-amino-2-heptanone hydrochloride 98%	
11126	Cycloheximide 96% (HPLC)	
23030	Dexamethasone, 96%	
11224	2,4-Diamino-6-hydroxypyrimidine, 96%	
21161	Diethyldithiocarbamic acid, sodium salt trihydrate, pa	
32866	Diphenyleneiodonium chloride	Binds strongly to flavoproteins
32868	L-N ₆ -(1-Iminoethyl)-lysine dihydrochloride	Selective inhibitor of inducible nitric oxide synthase
32869	L-N ₅ -(1-Iminoethyl)-ornithine dihydrochloride	Inhibitor of nitric oxide synthase
12536	Melatonin 99% (TLC)	
12789	2-Methyl-2-thiopseudourea sulfate, 98%	
32871	S-Methyl-L-thiocitrulline dihydrochloride	Inhibitor of neuronal nitric oxide synthase
32872	NG-Monomethyl-L-arginine monoacetate	
32873	NG-Monomethyl-D-arginine monoacetate	
12839	Nitro-L-arginine, 99+% (e.e)	
32875	NG-Nitro-L-arginine-methyl ester hydrochloride	
32876	NG-Nitro-D-arginine-methyl ester hydrochloride	
12859	Nitro blue tetrazolium chloride monohydrate	
32877	7-Nitroindazole	
16205	1-Pyrrolidinecarbodithioic acid, ammonium salt, 98%	
32888	L-Thiocitrulline	Inhibitor of neuronal and inducible nitric oxide synthase
22780	L-1-4'-Tosylamino-2-phenylethyl chloromethyl ketone 99+%	
32889	TRIM	Potent nitric oxide synthase inhibitor.

4 NO Detection

Code	Product
32867	Griess Reagent
15385	3-Aminophthalhydrazide, 98%
22613	3-Nitro-L-tyrosine 99%
21164	Sodium nitroferricyanide dihydrate, p.a.

5 NO Scavengers

Code	Product	Comments
32861	Astaxanthin	Extremely potent antioxidant
32863	Carboxy-PTIO	Can be used for an improved detection of nitric oxide in activated macrophage cultures in combination with Griess reagent
32883	PTIO	Stable nitric oxide radical scavenger
41120	Hemoglobin	From cattle
32936	MGD	Spin-trapping reagent
13239	Rutin	
42107	dl-alpha-Tocopheryl acetate, 98% (GC)	

6 Peroxynitrite and Peroxynitrite Scavengers

Code	Product
30057	Ebselen 99%
15621	L-Glutamic acid 99%
25996	L-(+)-Selenomethionine 99+% e.e. (TLC)
21894	Trolox® 97%

7 Antioxidants

Code	Product	Comments
10502	L-(+)-Ascorbic acid 99%	
23022	Bilirubin 99% (UV)	
11299	2,6-Di-tert-butyl-4-methylphenol 99%	
11493	3,4-Dihydroxycinnamic acid, predominantly trans Isomers 99+%	
30057	Ebselen 99%	
11774	Ellagic acid hydrate 97%	
13872	DL-Thioctic acid 98+% (UV, on the dry substance)	A hydrogen-transferring cofactor
12802	Morin hydrate 95%	
12859	Nitro blue tetrazolium chloride monohydrate	
13158	Propyl gallate 98%	
21894	Trolox® 97%	

8 Stimulators of Nitric Oxide Synthesis

Code	Product
21496	Arachidonic acid, from porcine liver, 99%
15621	L-Glutamic acid 99%
15062	Histamine dihydrochloride 98.5-101.0%

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