



LIST OF SPECIAL COMPOUNDS

JULY 2017

The carotenoids of the following list are prepared upon special request. Please inquire for prices, purity and delivery time.

- No. 0552.1 **Actinioerythrol** ((3*S*,3'*S*)-3,3'-Dihydroxy-2,2'-dinor- β,β -carotene-4,4'-dione)
synth., cryst.
- No. 1001 **(rac.)-8'-Apo-astaxanthinal** (3*RS*)-3-Hydroxy-4-oxo-8'-apo- β -caroten-8'-al)
synth., cryst.
- No. 1002 **(rac.)-12'-Apo-astaxanthinal** ((3*RS*)-3-Hydroxy-4-oxo-12'-apo- β -caroten-12'-al)
synth., cryst.
- No. 1003 **(3*S*)-12'-Apo-astaxanthinal** ((3*S*)-3-Hydroxy-4-oxo-12'-apo- β -caroten-12'-al)
synth., cryst.
- No. 0462 **2'-Apo- β -carotenal** (3',4'-Didehydro-2'-apo- β,ψ -caroten-2'-al)
synth., cryst.
- No. 0471 **6'-Apo-lycopenal** (6'-Apo- ψ -caroten-6'-al)
synth., cryst.
- No. 0491 **8'-Apo-lycopenal** (8'-Apo- ψ -caroten-8'-al)
synth., cryst.
- No. 1005 **12'-Apo-lycopenal** (12'-Apo- ψ -caroten-12'-al)
synth., cryst.
- No. 0508 **(3*R*)-12'-Apo-zeaxanthinal** ((3*R*)-3-Hydroxy-12'-apo- β -caroten-12'-al)
synth., cryst.
- No. 1008 **(3*R*)-10'-Apo-zeaxanthyl-10'-acetate** ((3*R*)-10'-Ethanoyloxy-10'-apo- β -caroten-3-ol)
synth., cryst.
- No. 0398.1 **Astacenediacetate** (3,3'-Diacetoxy-2,3,2',3'-tetradehydro- β,β -carotene-4,4'-dione)
synth., cryst.
- No. 0405 **(meso)-Astaxanthin** ((3*R*,3'*S*)-3,3'-Dihydroxy- β,β -carotene-4,4'-dione)
synth., cryst.
- No. 0404 **(3*R*,3'*R*)-Astaxanthin** ((3*R*,3'*R*)-3,3'-Dihydroxy- β,β -carotene-4,4'-dione)
synth., cryst.



- No. 0403.1 **(9Z,*rac./meso*)-Astaxanthin** ((9Z,3RS,3'RS)-3,3'-Dihydroxy- β,β -carotene-4,4'-dione)
synth., cryst.
- No. 0001 **3,4,3',4'-Bisdehydro- β -carotene** (3,4,3',4'-Tetradehydro- β,β -carotene)
synth., cryst.
- No. 0007.2 **(6'S)- α -Carotene** ((6'S)- β,ϵ -Carotene)
synth., cryst.
- No. 0003.3 **(15Z)- β -Carotene** ((15Z)- β,β -Carotene)
synth., cryst.
- No. 0020.1 **(6R,6'S)- ϵ -Carotene** ((6R,6'S)- ϵ,ϵ -Carotene)
synth., cryst.
- No. 0020.2 **(6S,6'S)- ϵ -Carotene** ((6S,6'S)- ϵ,ϵ -Carotene)
synth., cryst.
- No. 0020.3 **(*rac./meso*)- ϵ -Carotene** ((6RS,6'RS)- ϵ,ϵ -Carotene)
synth., cryst.
- No. 0483 **β -Citaurin** ((3R)-3-Hydroxy-8'-apo- β -caroten-8'-al)
synth., cryst.
- No. 1006 **(*rac.*)-Clathriaxanthol** ((3RS)-3-Hydroxy- β,χ -caroten-4-one)
synth., cryst.
- No. 0539.1 **Crocetindiethylester** (Diethyl 8,8'-diapocarotene-8,8'-dioate)
synth., cryst.
- No. 0539 **Crocetindimethylester** (Dimethyl 8,8'-diapocarotene-8,8'-dioate)
synth., cryst.
- No. 0197 **Crustaxanthin** ((3RS,4RS,3'RS,4'RS)- β,β -Carotene-3,4,3',4'-tetrol)
synth., cryst.
- No. 0055.1 **β -Cryptoxanthin caprinate** ((3R)-3-Caprinoxy- β,β -carotene)
synth., cryst.
- No. 0055.2 **β -Cryptoxanthin caprylate** ((3R)-3-Capryloxy- β,β -carotene)
synth., cryst.
- No. 0312 **2'-Dehydroplectaniaxanthin** (1'-Hydroxy-3',4'-didehydro-1',2'-dihydro- β,ψ -caroten-2'-one), synth., cryst.
- No. 0416 **2,2'-Diketospirilloxanthin** (1,1'-Dimethoxy-3,4,3',4'-tetradehydro-1,2,1',2'-tetrahydro- β,β -carotene-2,2'-dione), synth., cryst.
- No. 1009 **(*rac./meso*)-4,4'-Dimethoxy- β -carotene** ((4RS,4'RS)-4,4'-Dimethoxy- β,β -carotene)
synth., cryst.



- No. 0326 **β -Doradecin** ((3'R)-3,3'-Dihydroxy-2,3-didehydro- β,β -caroten-4-one)
synth., cryst.
- No. 0048 **Isocarotene** (4',5'-Didehydro-4,5'-*retro*- β,β -carotene)
synth., cryst.
- No. 0057 **(rac.)-Isocryptoxanthin** ((4RS)- β,β -Caroten-4-ol)
synth., cryst.
- No. 0161 **3,3'-Isorenieratenediol** (ϕ,ϕ -Carotene-3,3'-diol)
synth., cryst.
- No. 0133.1 **(3R,3'S,6'S)-Lutein** ((3R,3'S,6'S)- β,ϵ -Carotene-3,3'-diol)
synth., cryst.
- No. 0031.1 **(5Z)-Lycopene** ((5Z)- ψ,ψ -Carotene)
synth., cryst.
- No. 0031.2 **(5Z,5'Z)-Lycopene** ((5Z,5'Z)- ψ,ψ -Carotene)
synth., cryst.
- No. 0031.3 **(5Z,9'Z)-Lycopene** ((5Z,9'Z)- ψ,ψ -Carotene)
synth., cryst.
- No. 0208.1 **(rac./meso)-Oscillol diacetate** ((2RS,2'RS)-2,2'-Diacetoxy-3,4,3',4'-
tetrahydro-1,2,1',2'-tetrahydro- ψ,ψ -carotene)
synth., cryst.
- No. 0208.2 **(rac./meso)-Oscillol dipalmitate** ((2RS,2'RS)-2,2'-Dipalmitoxy-3,4,3',4'-tetrahydro-
1,2,1',2'-tetrahydro- ψ,ψ -carotene)
synth., cryst.
- No. 0415 **Phillipsiaxanthin** (1,1'-Dihydroxy-3,4,3',4'-tetrahydro-1,2,1',2'-tetrahydro- ψ,ψ -
carotene-2,2'-dione)
synth., cryst.
- No. 0048 **Retrodehydrocarotene** (4',5'-Didehydro-4,5'-*retro*- β,β -carotene)
synth., cryst.
- No. 0467 **Reticulataxanthin** ((3R)-3-Hydroxy-5,6'-dihydro-5'-apo-18'-nor- β,ψ -caroten-6'-one)
synth., cryst.
- No. 1018 **(5RS,6RS,3'R)-5,6-Seco- β,β -carotene-5,6,3'-triol**
synth., cryst.
- No. 0559 **Semi- β -carotenone** (5,6-Seco- β,β -carotene-5,6-dione)
synth., cryst.
- Nr. 0196.1 **(3RS,3'RS)-6,7,6',7'-Tetrahydro-5,6,5',6'-tetrahydro- β,β -carotene-3,3'-diol**
synth., cryst.



- No. 1011 **Torularhodinolacetate** (3',4'-Didehydro- β,ψ -caroten-16'-ol acetate)
synth., cryst.
- No. 0271 **Torularhodinaldehyde** (3',4'-Didehydro- β,ψ -caroten-16'-al)
synth., cryst.
- No. 0429.1 **Torularhodinethylester** (Ethyl 3',4'-didehydro- β,ψ -caroten-16'-oate)
synth., cryst.
- No. 0561 **Triphasiaxanthin** ((3'*R*)-3'-Hydroxy-5,6-seco- β,β -carotene-5,6-dione)
synth., cryst.
- No. 0120 **(*meso*)-Zeaxanthin** ((3*R*,3'*S*)- β,β -Carotene-3,3'-diol)
synth., cryst.
- No. 0120.1 **(*meso*)-Zeaxanthin** ((3*R*,3'*S*)- β,β -Carotene-3,3'-diol) for **ZTA-method** (5mg)
synth., cryst.
- No. 0119.1 **(*rac./meso*)-Zeaxanthin** ((3*RS*,3'*RS*)- β,β -Carotene-3,3'-diol)
synth., cryst.
- No. 0121 **(3*S*,3'*S*)-Zeaxanthin** ((3*S*,3'*S*)- β,β -Carotene-3,3'-diol)
synth., cryst.