



**Betulines - RNDr. Jan Šarek, Ph.D.**

Manufacturing, R&D, import and sales of chemicals

Comp. ID.: 74 38 06 30, Tax No.: CZ 74 02 23 55 77

## Product list - 2017

Substance / catalog name	Catalog no. <sup>1</sup>	Purity	Quantity				
			1 g	5 g	10 g	100 g	1 kg and more

### Compounds lup-20(29)-ene type

Betulin / BE <sup>#</sup>	473-98-3	95						*
Betulin / BE <sup>#</sup>	473-98-3	98			*	*		*
Betulin / BE <sup>#</sup>	473-98-3	99	*	*	*	*		*
Lupeol / LU <sup>#</sup>	545-47-1	98	*	*	*			
Lupeol acetate / LUAC <sup>#</sup>	1617-68-1	98	*	*	*			
Betulonic acid / KBI <sup>#</sup>	472-15-1	98		*	*	*		*
Betulonic acid / KBI <sup>#</sup>	472-15-1	99	*	*	*	*		*
Betulin diacetate / BEDIAC <sup>#</sup>	1721-69-3	98		*	*	*		*
Betulin diacetate / BEDIAC <sup>#</sup>	1721-69-3	99	*	*	*	*		*
Betulin 3-acetate / BE-3AC <sup>#</sup>	27570-20-3	95	*	*	*	*		
Betulin 28-acetate / BE-28AC <sup>#</sup>	27686-35-7	95	*	*	*			
Betulin dipropionate / BEDIPr <sup>#</sup>	5956-67-2	98	*	*	*			
Betulonic acid methyl ester / MEBI <sup>#</sup>	2259-06-5	99	*	*	*			
Betulonic acid ethyl ester / ETBI <sup>#</sup>	189384-88-1	99	*	*	*			
Betulonic acid benzyl ester / BNBI	192211-42-0	98	*	*	*			
Acetyl betulonic acid / ACBI <sup>#</sup>	10376-50-8	95	*	*	*	*		*
Betulonic Acid / KBO <sup>#</sup>	4481-62-3	95	*	*	*			
Betulonic Acid / KBO <sup>#</sup>	4481-62-3	98	*	*	*	*		
<b>Pyrazine of betulonic acid / PYRBO</b>	<b>936617-74-2</b>	95	*	*	*			
Methyl betulonate / MEBO <sup>#</sup>	4356-31-4	99	*	*				
Benzyl betulonate / BNBO	203576-71-0	98	*	*	*			
Methyl 3 $\beta$ -acetylbetulinate / MEACBI <sup>#</sup>	4356-30-3	99	*					

New!

### Compounds lup-18-ene type

21-Oxolup-18-ene-3 $\beta$ ,28-diyl diac. / 21-OXODIAC <sup>#</sup>	139255-65-5	99	*	*				
Lup-18-ene-3 $\beta$ ,28-diyl diacetate / 18-LUP	55976-58-4	99	*	*	*	*		
Methyl-3 $\beta$ -acetoxy-21-oxolup-18-ene-28-oate / MEAC21-OXO <sup>#</sup>	35013-61-1	99	*	*				
Methyl-3 $\beta$ -acetoxy-21,22-dioxolup-18-ene-28-oate / DIKMEOAC <sup>#</sup>	374902-03-1	98	*	*				
3 $\beta$ -acetoxy-21-oxolup-18-ene-28-oic acid / AC21-OXO <sup>#</sup>	374901-99-2	95	*	*	*			
3 $\beta$ -hydroxy-21-oxolup-18-ene-28-oic acid / OH21-OXO <sup>#</sup>	35013-48-0	95	*	*	*			



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### Compounds lupane type

Dihydrobetulin diacetate / DIHBEDIAC <sup>#</sup>	43124-92-1	99	*	*	*		
Acetyl dihydrobetulinic acid / ACDIHBI <sup>#</sup>	25488-54-4	98	*	*	*		
Dihydrobetulinic acid / DIHBI <sup>#</sup>	25488-53-3	98	*	*	*		
Methyl 3β-acetyldihydrobetulinate / MEACDIHBI <sup>#</sup>	4477-74-1	99	*				
Methyl Dihydrobetulinate / MEDIHBI <sup>#</sup>	4550-88-3	99	*				
Dihydrobetulonic acid / DIHBO <sup>#</sup>	25576-27-6	95	*	*	*		
2-Bromodihydrobetulonic acid / BRDIHBO	244089-19-8	95	*	*	*		
2,2-Dibromodihydrobetulonic acid / DIBRDIHBO	1379668-42-4	95	*	*	*		
<b>2,2-Difluorodihydrobetulonic acid / DIFDIHBO</b>	<b>1772632-26-4</b>	<b>95</b>	*	*	*		
<b>2,2-Difluorodihydrobetulinic acid / DIFDIHBI</b>	<b>1772632-28-6</b>	<b>95</b>	*	*	*		
Methyl Dihydrobetulonate / MEDIHBO <sup>#</sup>	20066-05-1	99	*				
Dihydrobetulin / DIHBE <sup>#</sup>	7372-31-8	98	*	*	*		
Platanic acid /KPLA	6060-06-6	95	*	*	*	*	
Acetyl platanic acid / ACPLA	26581-14-6	90	*	*	*	*	

### Compounds oleanane type

Allobetulin /ALIN <sup>#</sup>	1617-72-7	95	*	*	*	*	*
Allobetulon / ALON	28282-22-6	95	*	*	*	*	*
<b>2-Bromoallobetulon / BRALON</b>	<b>120663-47-0</b>	<b>95</b>	*	*	*		
<b>2,2-Dibromoallobetulon / DIBRALON</b>	<b>103366-00-3</b>	<b>95</b>	*	*	*		
Oleanolic acid / OLA	508-02-1	98	*	*	*	*	
Oleanonic acid / OLO	17990-42-0	95	*	*	*		
<b>Methyl oleanonate / MEOLO</b>	<b>1721-58-0</b>	<b>98</b>	*	*	*		
<b>Ethyl oleanonate / ETOLO</b>	<b>105342-33-4</b>	<b>98</b>	*	*	*		
Acetyl oleanolic acid	4339-72-4	98	*	*	*	*	
Morolic acid	559-68-2	95	*	*			
Moronic acid / MORONO	6713-27-5	95	*	*			

### Compounds ursane type

Ursolic acid / URA	77-52-1	98	*	*	*	*	
Ursonic acid /URO	6246-46-4	95	*	*	*	*	

### Compounds taraxastane type

Heterobetulin / HEBE	508-81-6	98	*	*	*	*	
Heterobetulin diacetate / HEBEAC2	38602-40-3	98	*	*	*	*	
Heterobetulinic acid / HEBEBI <sup>3</sup>	851207-88-0	95	*	*	*		
Heterobetulonic acid / HEBEBO <sup>3</sup>	946600-73-3	95	*	*			



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#### Compounds friedelane type

New!

Friedelin / FRI	559-74-0	98	*	*	*		
Epifriedelanol / EPIFRIOL	16844-71-6	98	*	*	*		

#### Triterpenic extracts

ethanolic extract of birch bark (raw, conc., dry)							request
ethanolic extract of plane tree (raw, conc., dry)							request

#### Aqueous solutions of triterpenoids

Platanic acid /KPLA, 3% aq. solution	6060-06-6	-	*	*	*	*	
Betulinic acid / KBI, 3% aq. solution	472-15-1	-	*	*	*	*	
21-oxo acid / AC21-OXO, 3% aq. solution	374901-99-2	-	*	*	*	*	

#### Compounds other type

New!

(4S,7S,7aR)-4,7-dihydroxy-4,5,7,7a-tetrahydro-2H-furo[2,3-c]pyran-2-one / Smoke 11 <sup>#,2</sup>	952057-98-6	95	*	*	*	*	*
2H-furo[2,3-c]pyran-2-one / Smoke 3 <sup>#,2</sup>	857054-03-6	95	*	*	*	*	*
3-methyl-2H-furo[2,3-c]pyran-2-one / Smoke 1 <sup>#,2</sup>	857054-02-5	95	*	*	*	*	
Growth and germination stimulant <sup>2</sup>	857054	--					*
<i>N,N,N',N'</i> -tetraoctyldiglycolamide / TODGA <sup>#</sup>	342794-43-8	95	*	*	*	*	*
<i>p</i> -terphenyl / TERY	92-94-4	99.9					*
solketyl chloroformate	28863-62-9	95	*	*	*	*	
solketal (racemic)	100-79-8	98					*
<b>Berenika (new gametocide)<sup>4</sup></b>	<b>1839661-73-2</b>	<b>95</b>					*

<sup>1</sup> Catalogue numbers are identical with CAS RN; CAS RN is registered trademark of ACS.

<sup>2</sup> Product is not available in the U.S., Canada, South Africa and Australia due to territorial patent protection.

<sup>3</sup> Product is not available in the U.S. due to territorial patent protection.

<sup>4</sup> Licensed product.

<sup>#</sup> We are able to synthesize selectively labelled compounds with stable isotopes on demand.

Terms of payment are in consideration with our General Commercial Terms and Condition (available at [www.betulinines.com/podminky.pdf](http://www.betulinines.com/podminky.pdf)).