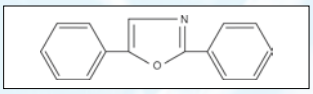
12. 一次シンチレータおよび二次シンチレータ (Primary and Secondly Scintillators)

Ⅰ. 高純度一次シンチレータ

PPO

ULTRA PURE

(2,5-diphenyloxazole)



Absolute fluorescence emission in cyclohexane (max): 357nm

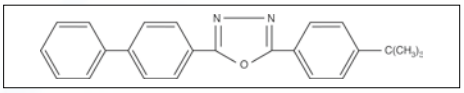
カタログ番号	数 量	価 格
SFC-10-25-4	25g × 4 本	¥27,000.-
SFC-10-100-1	100g × 1 本	¥27,000.-
SFC-10-500-1	500g × 1 本	¥80,000.-

Assay by GLC 99%
Melting Point ..... 71-73°C
Purity by TLC ..... One spot
Absolute Absorption 327nm

Butyl PBD

ULTRA PURE

(2,[4-biphenylyl]-5-[4-tert-butylphenyl]-1,3,4-oxadiazole)



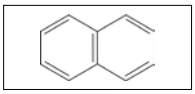
Absolute fluorescence emission in cyclohexane (max): 363nm

カタログ番号	数 量	価 格
SFC-20-25-2	25g × 2 本	¥35,000.-
SFC-20-100-1	100g × 1 本	¥45,000.-
SFC-20-500-1	500g × 1 本	¥180,000.-

Assay by GLC 99%
Melting Point..... 137-139°C
Purity by TLC ..... One spot
Absolute Absorption 304nm

Naphthalene

ULTRA PURE



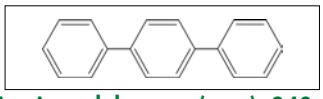
Absolute fluorescence emission in cyclohexane (max): 322nm

カタログ番号	数 量	価 格
SFC-40-100-5	100g × 5 本	¥20,000.-
SFC-40-1000-1	1kg × 1 本	¥30,000.-

Assay by GLC 99%
Melting Point ..... 80-81°C
Purity by TLC ..... One spot
Absolute Absorption 276nm

p-Terphenyl

ULTRA PURE



Absolute fluorescence emission in cyclohexane (max): 340nm

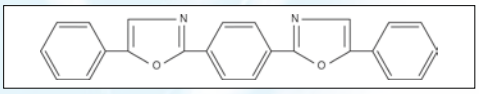
カタログ番号	数 量	価 格
SFC-50-25-2	25g × 2 本	¥33,000.-
SFC-50-100-1	100g × 1 本	¥35,000.-

Assay by GLC 99%
Melting Point ..... 212-213°C
Purity by TLC ..... One spot
Absolute Absorption 276nm

Ⅱ. 高純度二次シンチレータ

POPOP

ULTRA PURE



(1,4-bis[5-phenyloxazol-2-yl]benzene)

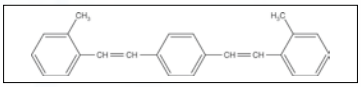
Absolute fluorescence emission in cyclohexane (max): 410nm

カタログ番号	数 量	価 格
SFC-60-25-2	25g × 2本	¥38,000.-
SFC-60-100-1	100g × 1本	¥57,000.-

Spectroanalysis assay 99%
Melting Point ..... 244-246˚C
Purity by TLC ..... One spot
Absolute Absorption 358nm

Bis-MSB

ULTRA PURE



(1,4-bis[2-methylstyryl]benzene)

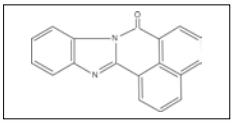
Absolute fluorescence emission in cyclohexane (max): 420nm

カタログ番号	数 量	価 格
SFC-90-25-2	25g × 2本	¥35,000.-
SFC-90-100-1	100g × 1本	¥51,000.-

Spectroanalysis assay 99%
Melting Point ..... 179-181˚C
Purity by TLC ..... One spot
Absolute Absorption 346nm

BBQ

ULTRA PURE



(7H-benzimidazo[2,1 -a]benz[de]isoquinoline-7-one)

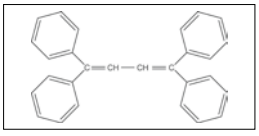
Absolute fluorescence emission in cyclohexane (max): 477nm

カタログ番号	数 量	価 格
SFC-13-1-2	1g × 2本	¥45,000.-
SFC-13-5-1	5g × 1本	¥75,000.-

Spectroanalysis assay 99%
Melting Point ..... 202-204˚C
Purity by TLC ..... One spot
Absolute Absorption 382nm

TPB

ULTRA PURE



(1,1,4,4-tetraphenyl-1,3-butadiene)

Absolute fluorescence emission in cyclohexane (max): 455nm

カタログ番号	数 量	価 格
SFC-15-5-4	5g × 4本	¥36,000.-

Spectroanalysis assay 99%
Melting Point ..... 207-209˚C
Purity by TLC ..... One spot
Absolute Absorption 346nm