COSMOSIL πNAP

- Naphthalene bonded stationary phase
- Enhanced π-π interactions
- Improved selectivity for structural isomers

Comparison of π-π interactions

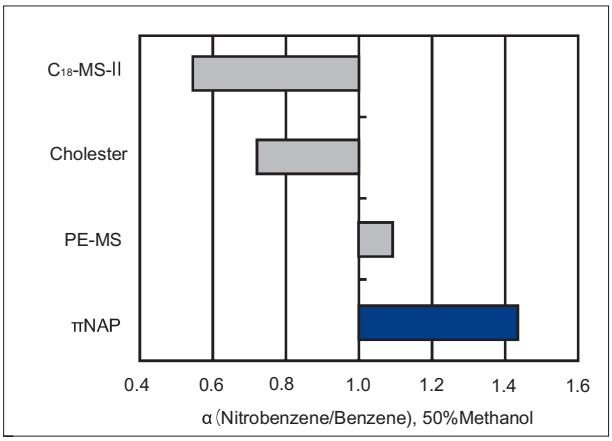
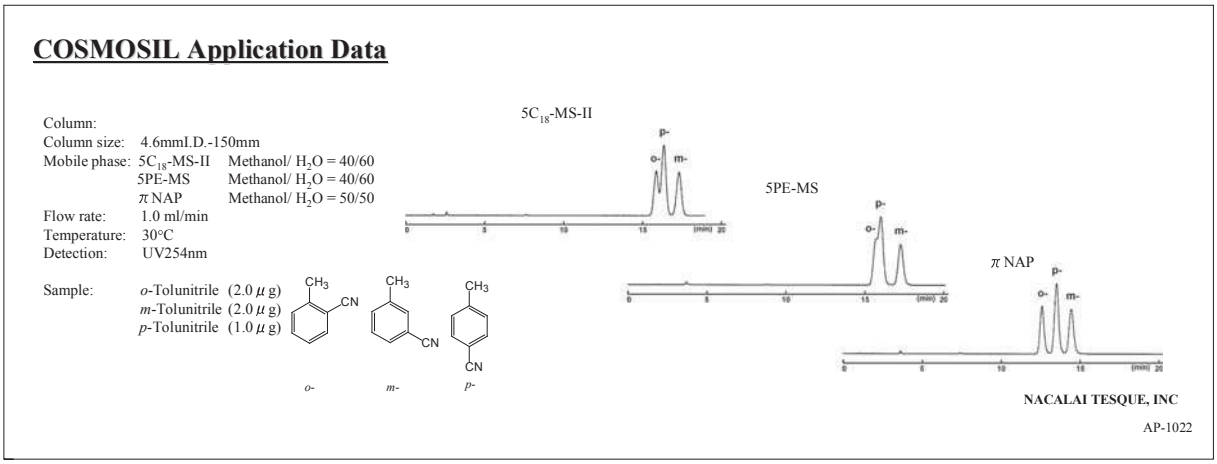


Figure. Comparison of π–π interaction

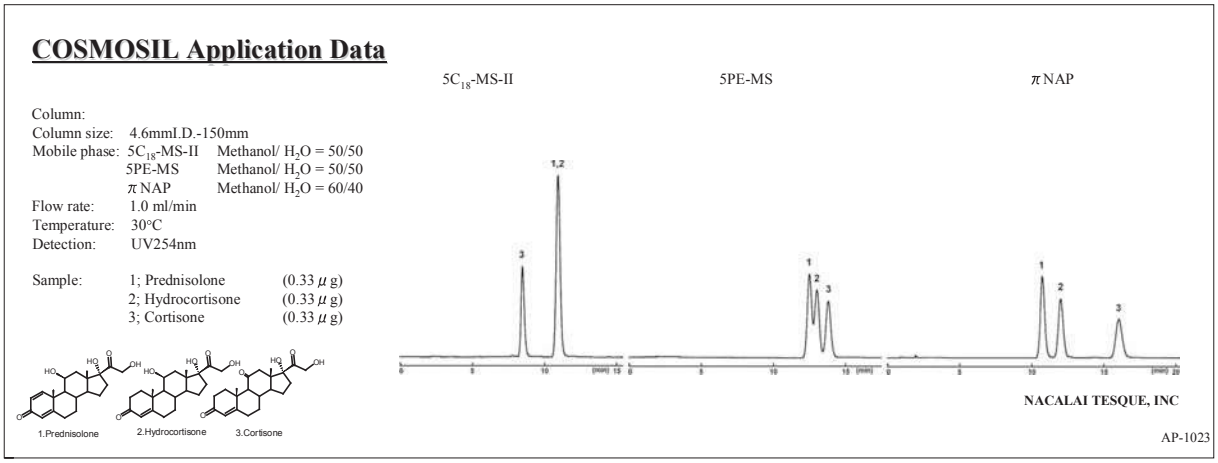
COSMOSIL πNAP shows stronger π–π interactions than phenyl columns. Its two fused aromatic rings retain nitrobenzene with more π electrons stronger than phenyl columns.

Applications

- Tolunitriles

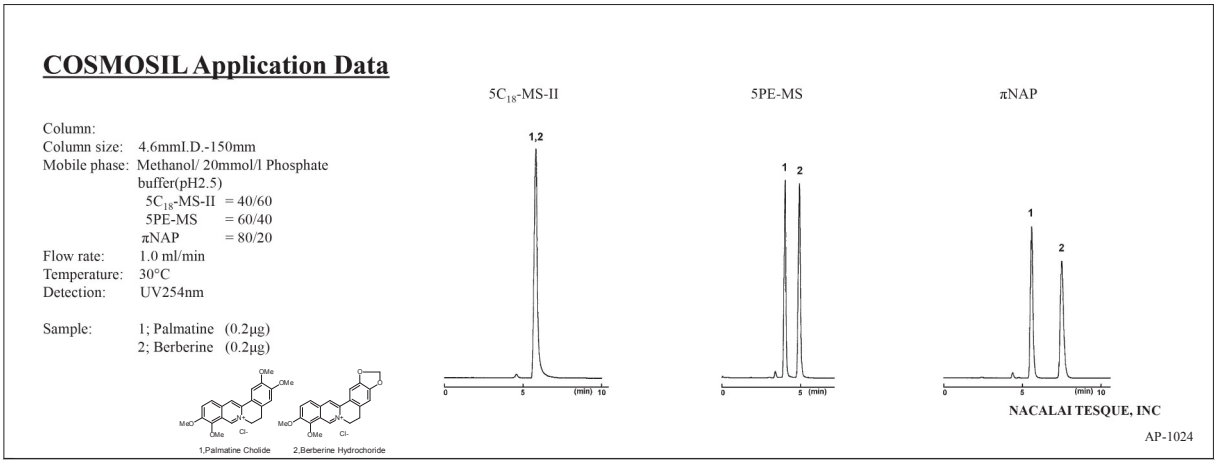


- Adrenal Cortical Hormones

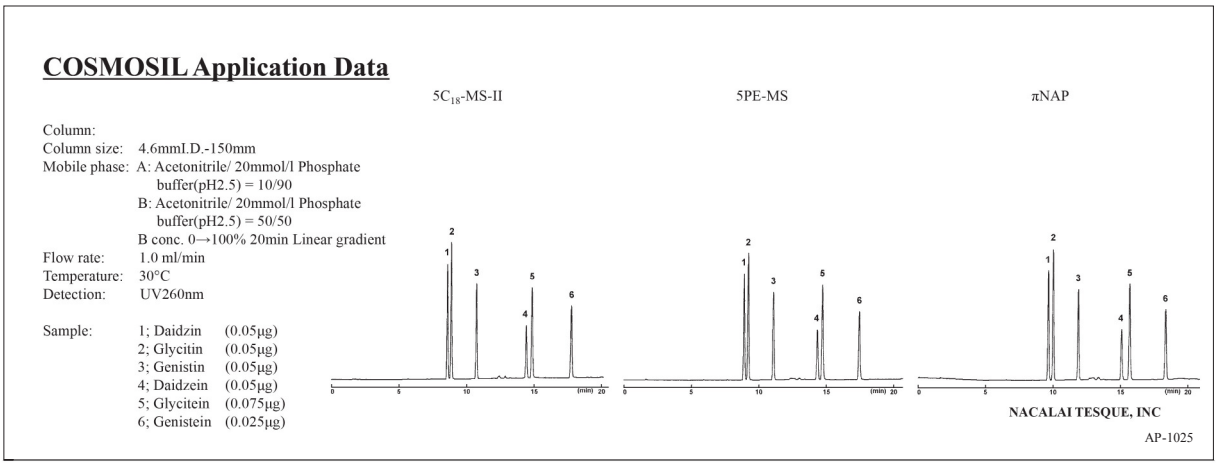


Applications

● Berberines



● Isoflavones



Ordering Information

● Analytical / Preparative Column (Particle Size: 5 μm)

COSMOSIL πNAP Packed Column

Column Size I.D. x Length (mm)	Product Number
1.0 x 150	08076-61
1.0 x 250	08077-51
2.0 x 30	08566-41
2.0 x 50	08567-31
2.0 x 100	08299-51
2.0 x 150	08078-41
2.0 x 250	08079-31
3.0 x 150	08080-91

Column Size I.D. x Length (mm)	Product Number
3.0 x 250	08081-81
4.6 x 150	08085-41
4.6 x 250	08086-31
10 x 150	08088-11
10 x 250	08089-01
20 x 150	08092-41
20 x 250	08093-31
28 x 250	08095-11

COSMOSIL πNAP Guard Column

Column Size I.D. x Length (mm)	Product Number
4.6 x 10	08082-71
10 x 20	08087-21
20 x 20	08090-61
20 x 50	08091-51
28 x 50	08094-21

For more information on 2.5πNAP (2.5 μm), please refer to page 62.