

Transdermal and transmucosal kinetics using FDC

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Organisation

Name of the organisation Ghent University (UGent)

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Country Belgium

Geographical Area Flemish Region

SCOPE OF THE METHOD

The Method relates to	Human health
The Method is situated in	Basic Research
Type of method	In vitro - Ex vivo
Specify the type of cells/tissues/organs	Skin

DESCRIPTION

Method keywords

skin absorption
transport
kinetics
LC-MS

Scientific area keywords

pharmacokinetics
toxicokinetics
toxicity

Method description

Transport kinetics across the skin and/or mucosa is investigated using Franz diffusion cells and LC-UV/MS detection of the investigated molecule in the receptor compartment.

Lab equipment

Franz diffusion cell system ;
LC-UV/MS.

Method status

Internally validated
Published in peer reviewed journal

PROS, CONS & FUTURE POTENTIAL

Advantages

No *in vitro* cell line is used but real *ex vivo* skin or mucosa.

REFERENCES, ASSOCIATED DOCUMENTS AND OTHER INFORMATION

References

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