

Application Note:

Aceclofenac

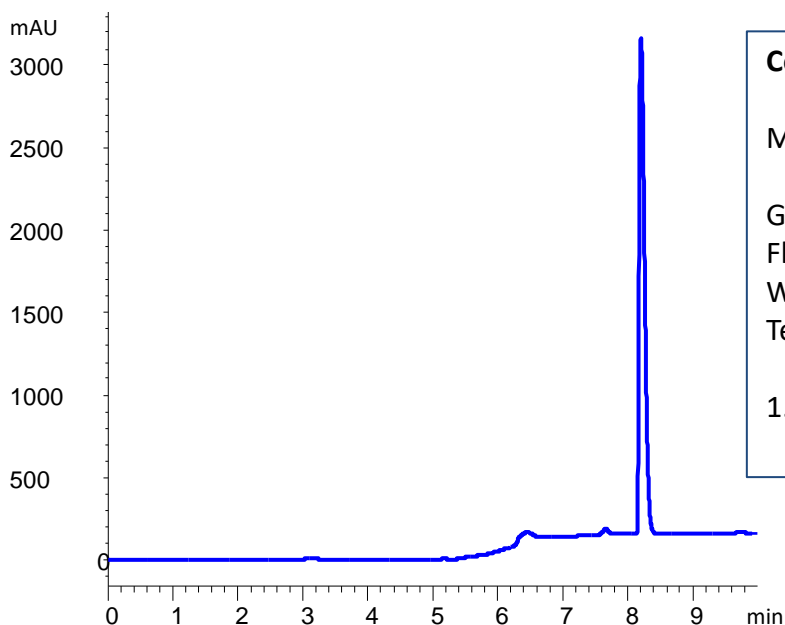
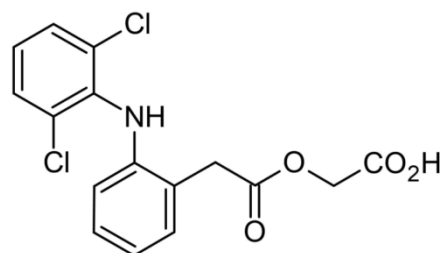
[(2-{2, 6-dichlorophenyl) amino}
phenylacetooxyacetic acid]

HORIZON
CHROMATOGRAPHY LTD.

Aceclofenac is a nonsteroidal anti-inflammatory drug (NSAID) analog of diclofenac. It is used for the relief of pain and inflammation in rheumatoid arthritis, osteoarthritis and ankylosing spondylitis.

Aceclofenac works by inhibiting the action of cyclooxygenase (COX) that is involved in the production of prostaglandins (PG) which is accountable for pain, swelling, inflammation and fever

It is a crystalline powder that is practically insoluble in water. Known trades names include: Acecgen (Generics UK), Aflamin (Gedeon Richter Plc.), AklofEP (ExtractumPharma) and Flemac (Aramis Pharma).



Column: Horizon C18 5 μ 150x4.6mm

Mobile Phase: A: 0.1% Formic acid in Water

B: 0.1% Formic acid in MeCN

Gradient: 5 – 100% B in 10minutes

Flow rate: 1ml/min

Wavelength: 254nm

Temperature: 20°C

1. Aceclofenac