

Decarboxylation of Sirohaem by Sirohaem Decarboxylase

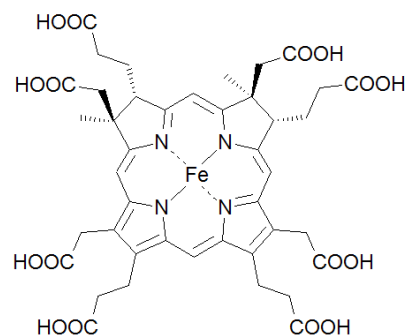
Application #AN3830

Conditions

Column: ACE 5 AQ
Dimensions: 150 x 2.1 mm
Part Number: ACE-126-1502
Mobile Phase: A: 0.1% TFA in H₂O
B: MeCN

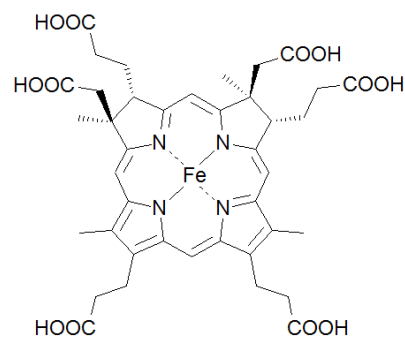
Time (mins)	%B
0	5
6	20
25	30
35	100
40	100

Flow Rate: 0.2 mL/min
Detection: DAD, 380 nm

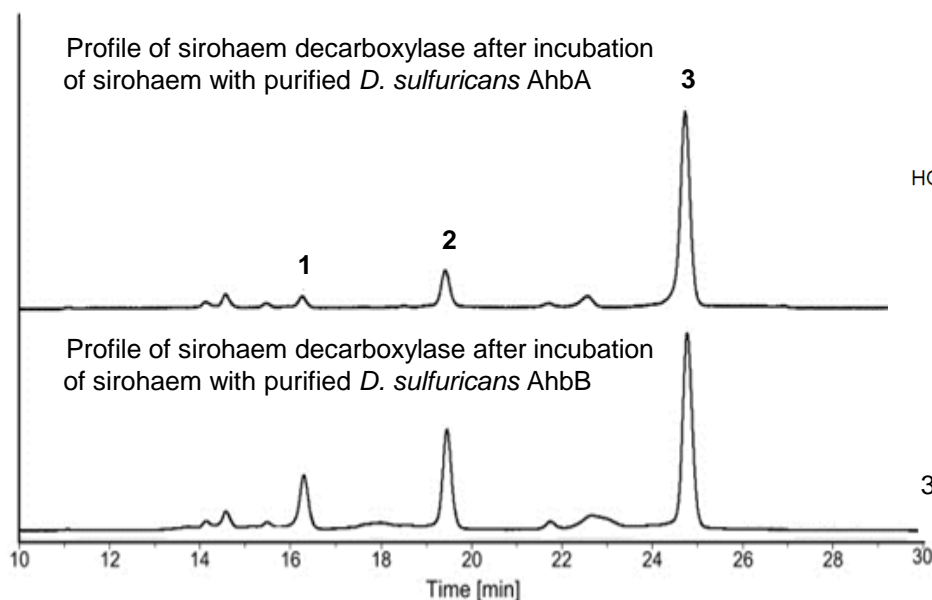


1. Sirohaem

2. Monodecarboxysirohaem



3. 12,18-Didecarboxysirohaem



Palmer DJ, Schroeder S, Lawrence AD, Deery E, Lobo SA, Saraiva LM, McLean KJ, Munro AW, Ferguson SJ, Pickersgill RW, Brown DG, Warren MJ. The structure, function and properties of sirohaem decarboxylase – an enzyme with structural homology to a transcription factor family that is part of an alternative haem biosynthesis pathway. *Molecular Microbiology* (2014) 93(2), 247-261. doi:10.1111/mmi.12656

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