SUPPLEMENTARY MATERIAL

The preparation of macrocyclic calpain inhibitors by RCM and CM

Seth A. Jones, A Joanna Duncan, A Steven G. Aitken, B James M. Coxon, B Andrew D. Abell A,C

A School of Chemistry & Physics, The University of Adelaide, North Terrace, Adelaide, SA, 5005, Australia
B Department of Chemistry, University of Canterbury, Private Bag 4800, Christchurch, New Zealand
C Corresponding author Email: andrew.abell@adelaide.edu.au
4-Fluoro-N-((7S,10S,13S)-7-formyl-10-isobutyl-9,12-dioxo-2-oxa-8,11-diaza-bicyclo[13.2.2]noadeca-1(18),15(19),16-trien-13-yl)-benzenesulfonamide (2)
(7S,10S,13S)-13-(4-Fluoro-benzenesulfonylamino)-10-isobutyl-9,12-dioxo-2-oxa-8,11-diaza-bicyclo[13.2.2]nonadeca-1(18),15(19),16-triene-7-carboxylic acid methyl ester (3)
(S)-2-[(S)-3-(4-allyloxy-phenyl)-2-(4-fluoro-benzenesulfonylamino)-propionylamino]-4-methyl-pentanoic acid tert-butyl ester (6)
(S)-2-{(S)-2-[{(S)-3-(4-allyloxy-phenyl)-2-(4-fluoro-benzenesulfonylamino)-propionylamino}-4-methyl-pentanoylamino]-pent-4-enoic acid methyl ester (7)
(R)-tert-Butyl 6-((4-((S)-3-((S)-1-tert-butoxy-4-methyl-1-oxopentan-2-ylamino)-2-(4-fluorophenylsulfonamido)-3-oxopropyl)phenoxy)-2-(tert-butoxycarbonylamino)hexanoate (12)
(7S,10S,13S)-10-sec-Butyl-13-(4-fluoro-benzenesulfonylamino)-9,12-dioxo-2-oxa-8,11-diaza-bicyclo[13.2.2]nonadeca-1(18),15(19),16-triene-7-carboxylic acid methyl ester (15)
N-((7S,10S,13S)-10-sec-Butyl-7-formyl-9,12-dioxo-2-oxa-8,11-diaza-bicyclo[13.2.2]nonadeca-1(18),15(19),16-trien-13-yl)-4-fluoro-benzenesulfonamide

(16)