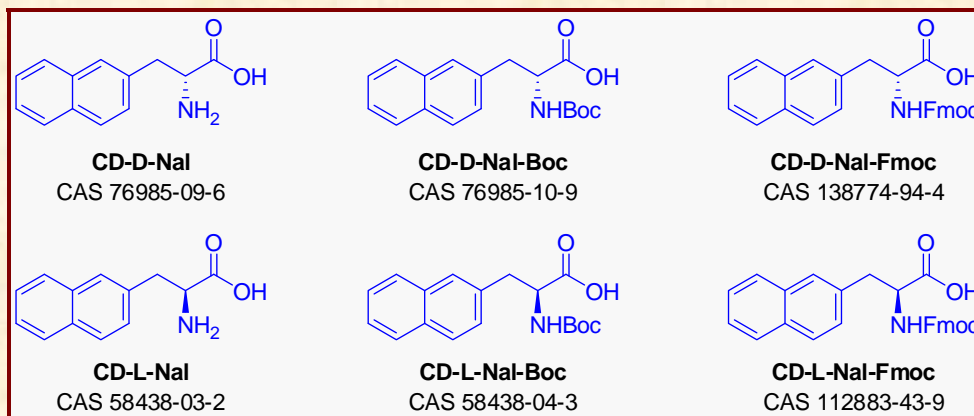


CHEMO DYNAMICS is pleased to introduce chiral, enantiomerically pure **3-(2-Naphthyl) Alanine (2-Nal)** series. All synthesized with modern chiral technologies in our facility, these un-natural amino acids are important building blocks in the tool box for peptide and protein research. Next lead drug or therapeutic reagent could be a direct beneficiary of the effort in incorporating a 2-Nal moiety into the synthetic candidates. Please contact Chemo Dynamics to discuss potential down-stream products.



Item #: CD-D-Nal

Chemical name: 3-(2-Naphthyl)-D-alanine	CAS Number: 76985-09-6
Synonym(s): (R)-2-Amino-3-(naphthalen-2-yl)propanoic acid	
Chemical Formula: C ₁₃ H ₁₃ NO ₂	Molecular Weight: 215.2478

Item #: CD-L-Nal

Chemical name: 3-(2-Naphthyl)-L-alanine	CAS Number: 58438-03-2
Synonym(s): (S)-2-Amino-3-(naphthalen-2-yl)propanoic acid	
Chemical Formula: C ₁₃ H ₁₃ NO ₂	Molecular Weight: 215.2478

Item #: CD-D-Nal-Boc

Chemical name: N-Boc-3-(2-naphthyl)-D-alanine	CAS Number: 76985-10-9
Synonym(s): (R)-2-(tert-Butoxycarbonylamino)-3-(naphthalen-2-yl)propanoic acid	
Chemical Formula: C ₁₈ H ₂₁ NO ₄	Molecular Weight: 315.3636

Item #: CD-L-Nal-Boc

Chemical name: N-Boc-3-(2-naphthyl)-L-alanine	CAS Number: 58438-04-3
Synonym(s): (S)-2-(tert-Butoxycarbonylamino)-3-(naphthalen-2-yl)propanoic acid	
Chemical Formula: C ₁₈ H ₂₁ NO ₄	Molecular Weight: 315.3636

Item #: CD-D-Nal-Fmoc

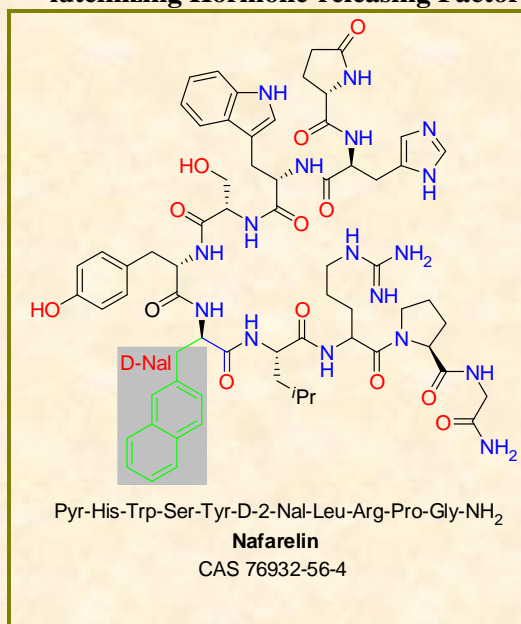
Chemical name: N-Fmoc-3-(2-naphthyl)-D-alanine	CAS Number: 138774-94-4
Synonym(s): N-Fmoc-(R)-2-amino-3-(naphthalen-2-yl)propanoic acid	
Chemical Formula: C ₂₈ H ₂₃ NO ₄	Molecular Weight: 437.4865

Item #: CD-L-Nal-Fmoc

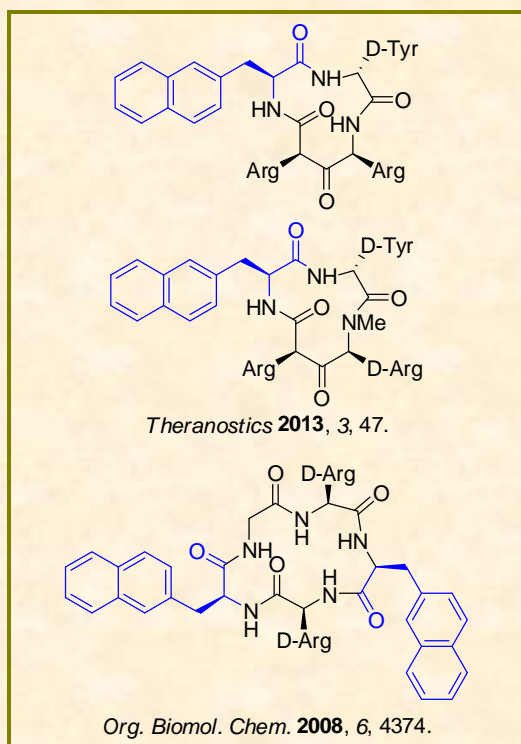
Chemical name: N-Fmoc-3-(2-naphthyl)-L-alanine	CAS Number: 112883-43-9
Synonym(s): N-Fmoc-(S)-2-amino-3-(naphthalen-2-yl)propanoic acid	
Chemical Formula: C ₁₈ H ₂₁ NO ₄	Molecular Weight: 437.4865

Some Important APIs and Synthetic Peptides Containing 3-(2-Naphthyl)Alanines

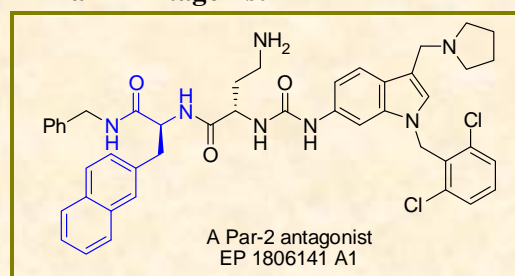
- 6-(3-(2-Naphthalenyl)-D-Alanine) luteinizing Hormone-releasing Factor



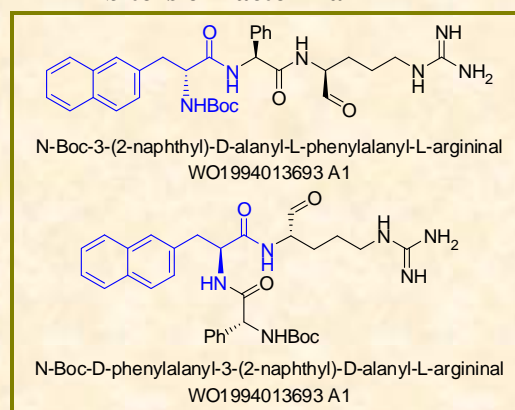
- Small Molecule Inhibitors of CXCR4



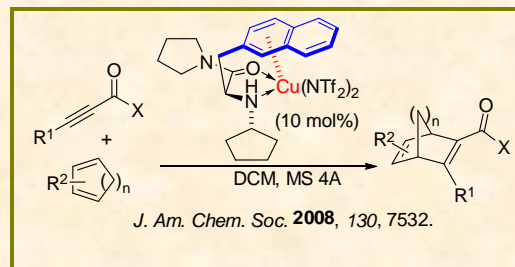
- Par-2 Antagonist



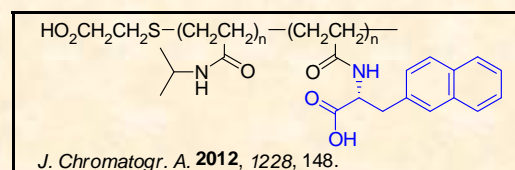
- Inhibitors of Factor Xa



- 3-(2-Naphthyl)-L-alanine-based Amide as Chiral Ligand for Cu (II)-catalyzed Asymmetric Cycloaddition Reactions



- 3-(2-Naphthyl)alanine-containing Polymer in Temperature-responsive Chromatography



Please contact: Chemo Dynamics

Phone: (732) 721-4700

<http://chemodynamics.com>

Email: office@chemodynamics.com