

BIONET Fragments from Nature

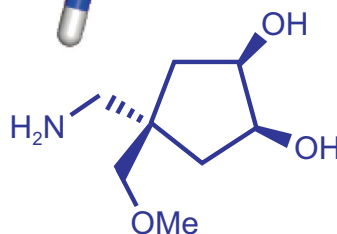
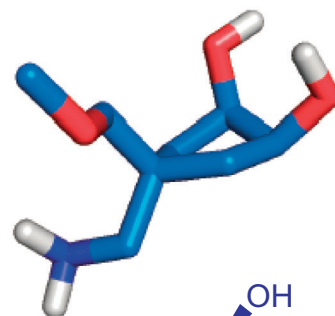
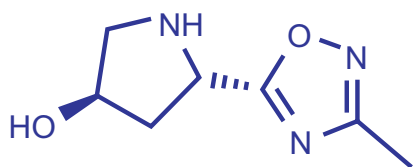
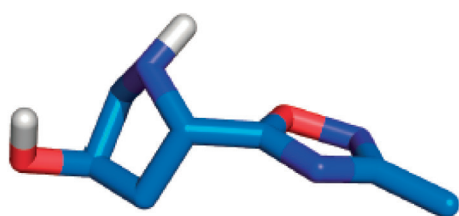
Natural Product Motifs for Fragment Based Drug Discovery

"Although most fragment libraries are diverse, having been selected to contain a good balance of properties, they all tend to have limited shape diversity. This 'flatness' could explain why they are less successful in identifying hits for certain targets that might require pharmacophores having alternative substitution vectors to interact with these proteins." [1]

BIONET Fragments from Nature combine Natural Product motifs and high 3D shape diversity with fragment physiochemical properties (in compliance with Ro3).

Key Benefits:

- ✓ Unique 3D Natural Product Motifs
- ✓ High Fsp3 values and decreased number of aromatic rings
- ✓ Measured solubility in DMSO and in buffer
- ✓ Purity $\geq 95\%$
- ✓ 183 Fragments available: 5mg – 100mg



To download an sd file containing structures and physiochemical properties go to <http://www.keyorganics.net/downloads/>

For more information, please contact us at: fragments@keyorganics.net

[1] From: Morley et al. *Fragment-based hit identification: thinking in 3D Drug Discovery Today* (2013)

BIONET

- ✓ Extensive, growing compound collection
- ✓ Next day courier delivery in EU
- ✓ Dedicated customer support
- ✓ >90% deliverable in-stock
- ✓ Novelty and diversity
- ✓ Full COA, NMR and LC Analysis
- ✓ Assured quality guaranteed

Key Organics

Chemistry | Innovation | Quality

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