

# Defensive Disclosure & Prior Art Document

Author: Nicholas Panek | [patternripple.com](http://patternripple.com)

## SECTION 1: DEFENSIVE MARKUSH SCOPE (The Troll Shield)

To prevent future patenting of this chemical space, Nicholas Panek hereby discloses the following Markush family (I):

Formula (I): Core - (X) - (Y)

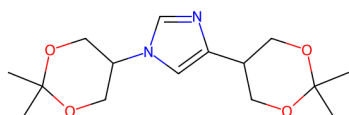
Where 'Core' is a five-membered nitrogen heterocycle; (X) and (Y) are independently selected from substituted or unsubstituted 1,3-dioxolane rings.

Substitution: At least one ring comprises an R group where R is H, C1-C6 alkyl, or C1-C6 alkoxy.

CLAIM OF PRIOR ART: Any future claim regarding the use of these specific 3D-globular ( $F_{sp3} > 0.75$ ) scaffolds for MetAP inhibition is anticipated by this disclosure.

### Specific Embodiment: LAZ-1011

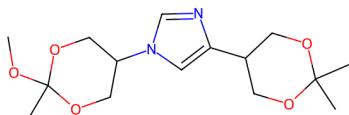
SMILES: CC1(C)OCC(c2cn(C3COC(C)(C)OC3)cn2)CO1



MW	296.37
LogP	2.07
TPSA	54.74
Fsp3	0.80
QED	0.836

### Specific Embodiment: LAZ-1123

SMILES: COC1(C)OCC(n2cnc(C3COC(C)(C)OC3)c2)CO1



MW	312.37
LogP	1.66
TPSA	63.97
Fsp3	0.80
QED	0.846