



Figure 3. The Possible Active Form and Membrane Location of P2Y₁₂R

The P2Y₁₂R oligomer preferentially associates as functional homooligomers within the lipid raft microdomain of the membrane surface, which is important for its functional activity. The active metabolite of clopidogrel, obtained through liver metabolism, acts on the binding site of oligomers, thereby inhibiting the effect of P2Y₁₂R. It can separate non-functional dimers and monomers under the effect of Act-Met and reaching a location outside the lipid microdomain.