



DMSO

This panel shows a control group of green fluorescent worms in DMSO. The worms are mostly straight and exhibit normal motility patterns.



DMSO + 1P2P

This panel shows green fluorescent worms in the presence of 1P2P. The worms appear slightly more curved compared to the DMSO control.



50 μ M ML 228

This panel shows green fluorescent worms treated with 50 μ M ML 228. The worms show a similar motility pattern to the DMSO control.



**50 μ M ML 228 +
1P2P**

This panel shows green fluorescent worms in the presence of both 50 μ M ML 228 and 1P2P. The worms exhibit a distinct, more pronounced curved posture.