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Discussions

Magn. Reson. Discuss., author comment AC2
https://doi.org/10.5194/mr-2021-20-AC2, 2021

Reply on RC1

Nestor Kamdem et al.

Author comment on "Small-molecule inhibitors of the PDZ domain of Dishevelled proteins interrupt Wnt signalling" by Nestor Kamdem et al., Magn. Reson. Discuss., https://doi.org/10.5194/mr-2021-20-AC2, 2021

This referee, Mingjie Zhang, indicated that the results associated with compound 3289-8625 should be discussed differently. We will do so, and please have also a look at the reply to Jie Zheng, the other referee, were we discuss the NMR shift assay now performed for this revision, in more detail. In reply to this request and the other, we plan to include the sentence 'Based on NMR and ITC studies, the binding affinity of CBC-322338/3289-8625 to DVL-3 seems to be less than 50 micromolar, comparing CSPs from the NMR assay with those of our other compounds listed in Table S1 and considering the weak heat development in our ITC assay, which was larger than the originally reported value (10.6 +/- 1.7) (Grandy 2009) that was OBTAINED WITH A DIFFERENT METHOD.' The whole subject is discussed more extensively in the reply to Jie Zheng.

Of course, we will replace R2 by R1 in lines 185 and 187.