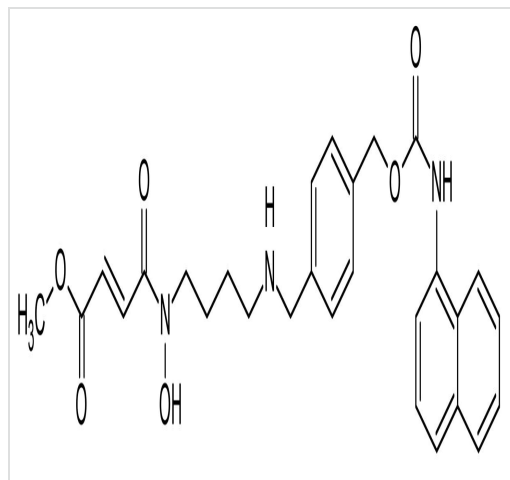
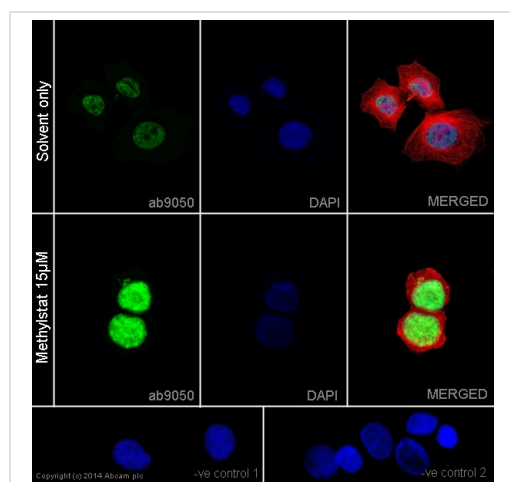


Images



Chemical Structure - Methylstat, jumonji C domain-containing histone demethylase inhibitor (ab144566)

2D chemical structure image of ab144566, Methylstat, jumonji C domain-containing histone demethylase inhibitor



Functional Studies - Methylstat, jumonji C domain-containing histone demethylase inhibitor (ab144566)

ab9050 staining Histone H3 (tri methyl K36) in MCF-7 cells. The cells were incubated with 15μM Methylstat (ab144566) for 24 hours (Treated) or solvent-only for control purposes (Non-treated). Cells were fixed with 100% methanol (5min) and then blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1%PBS-Tween for 1h. The cells were then incubated with **ab9050** at 0.1μg/ml and **ab195889** Mouse monoclonal [DM1A] to alpha Tubulin - Alexa Fluor® 594 at 2μg/ml (shown in pseudo colour red) overnight at +4°C, followed by a further incubation at room temperature for 1h with an AlexaFluor®488 Goat anti-Rabbit secondary (**ab150081**) at 1/1000 dilution (shown in green). Nuclear DNA was labelled in blue with DAPI. Negative controls: 1– anti-rabbit secondary only (solvent only); 2 – anti-rabbit secondary only (Treated). The secondary antibody control demonstrates that the labelling observed is due only to the binding of the secondary antibody to the primary antibody

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