\[ dG = -30.73 \text{ [initially -35.10]} \text{ hbr-cand01} \]
$dG = -53.80$ [initially -53.80] hbr-cand02
dG = -86.10 [initially -86.10] hbr-cand03
$dG = -70.95$ [initially $-73.40$] hbr-cand04
\[ \text{dG} = -50.30 \text{ [initially -52.30]} \text{ hbr-cand05} \]
dG = -31.93  [initially -37.10] hbr-cand06
$dG = -37.73 \ [initially \ -37.80] \ hbr$-cand07
dG = -46.30  [initially -46.30] hbr-cand08
\[ dG = -46.00 \text{ [initially -46.20]} \] hbr-cand09
$dG = -37.30 \ [initially \ -37.30] \ hbr$-cand10
$dG = -42.50 \ [\text{initially } -42.50] \ hbr\text{-cand11}$
\[ dG = -45.80 \text{ [initially -45.80]} \] hbr-cand12
$dG = -43.44$ [initially $-45.50$] hbr-cand14
\[ dG = -46.10 \text{ [initially -46.10]} \text{ hbr-cand15} \]
$dG = -38.65$ [initially -40.60] hbr-cand16
\[ dG = -37.00 \text{ [initially -37.00]} \text{ hbr-cand17} \]
$dG = -76.77$ [initially -81.20] hbr-cand18
\[ dG = -48.48 \text{ [initially -51.90]} \] hbr-cand19
$dG = -42.30 \ [\text{initially} \ -42.30] \ hbr\text{-cand20}$