| Fragment | Fragment name | $IC_{50}$ /mM |
|---|---|---|
| 1 | 4-((1H-benzo[d][1,2,3] triazol-1-yl)methyl) morpholine | ND |
| 2 | 3,5,-dichloro-benzenesulfonamide | 0.41 ±0.02 |
| 3 | methyl 4-aminothiophene-3-carboxylate | * |
| 4 | 3-chlorothiophene-2-carboxylic acid | * |
| 5 | 7-chloro-4-(piperazin-1-yl)quinolone | * |
| 6 | ethyl 3,5-dichloro-4-hydroxybenzoate | 0.52±0.02 |
| 7 | 4-(piperidin-1-ylsulfonyl)aniline | * |
| 8 | Benzenesulfonamide | no inhibition |
| 9 | 3-chlorobenzenesulfonamide | 5.0 ±0.4 |
| 10 | 3,5-difluorobenzenesulfonamide | no inhibition |
| 11 | 2,5-dichlorobenzenesulfonamide | 1.89 ±0.10 |
| 12 | 3,5-bis(trifluoromethyl) benzenesulphonamide | ND |
| 13 | 4-chlorobenzenesulfonamide | no inhibition |
| 14 | 3-bromobenzenesulfonamide | 2.69 ±0.3 |
| 15 | 4-sulfamoylbenzoic acid | no inhibition |
| 16 | 3-nitrobenzenesulfonamide | * |
| 17 | 4-nitrobenzenesulfonamide | no inhibition |
| 18 | 3-aminobenzenesulfonamide | no inhibition |
| 19 | p-aminobenzenesulfonamide | No inhibition |
| 20 | 3-methoxybenzenesulfonamide | * |
| 21 | 4-methoxybenzenesulfonamide | * |
| 22 | 4-hydroxybenzenesulfonamide | no inhibition |
| 23 | p-toluenesulfonamide | no inhibition |
| 24 | 3,5-dichlorosulfanilamide | 0.16 ±0.01 |
| 25 | 2,5-dichloro-N,N-dimethylsulanilamide | 3.39 ±0.18 |
| 26 | 3,5-dibromosulfanilamide | 2.10 ±0.11 |
| 27 | 3,5-dichloro-4-hydroxybenzenesulphonate | 0.27 ±0.01 |
| 28 | 3,5-dichlorobenzoate | no inhibition |
| 29 | 3-chloro-4-hydroxybenzoate | no inhibition |
| 30 | p-hydroxy benzoate | no inhibition |
| 31 | methyl 3,5-dichloro-4-hydroxybenzoate | 0.71 ±0.02 |
| 32 | 3,5-dichloro-4-hydroxybenzoate | 0.54 ±0.01 |
| 33 | 4-amino-3,5-dichlorobenzoate | 0.55 ±0.01 |

| | | |
|---|---|---|
| 34 | 3,5-dichlorobenzamide | * |
| 35 | 1,3-dichloro-6-nitrobenzene | 2.09 ±0.15 |
| 36 | 4-amino benzoic acid | * |
| 37 | m-aminobenzoic acid | no inhibition |

Table 1 Supplementary Inhibition of HsaD enzymic activity by a sublibrary of compounds based on fragments 2 and 6 from the initial screen (Table 1).

The values for IC50 were determined from the inhibition of HsaD enzymic activity by the fragments as indicated in Materials and Methods. The values shown are averages +/- standard deviation of six independent determinations (N=6). No inhibition indicates that the compounds were not inhibitory at either 5mM or at the highest soluble concentration which could be obtained. The * indicates that inhibition was observed but that it did not reach 50%.