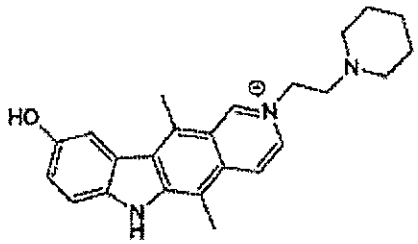
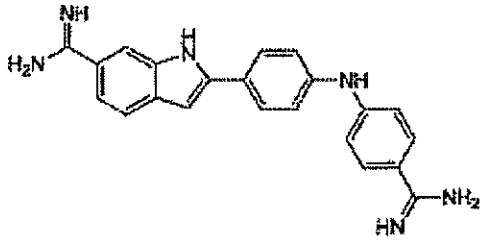
CLAIMS

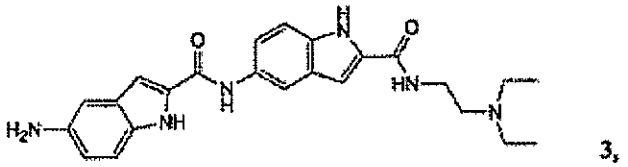
1. A compound of formula



1a,



2, or



3,

or a pharmaceutically acceptable salt thereof.

2. A method of inhibiting repeat-associated non-ATG (RAN) translation and foci formation in cultured cells expressing r(GGGGCC)$_{66}$ and neurons trans-differentiated from fibroblasts of repeat expansion carriers, comprising contacting the cells with an effective amount of a compound of claim 1, or a pharmaceutically acceptable salt thereof.

3. Use of an effective dose of a compound of claim 1, or a pharmaceutically acceptable salt thereof in the manufacture of a medicament for the treatment of ALS or FTD.

4. A pharmaceutical composition comprising a compound of claim 1 and a pharmaceutically acceptable excipient.