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## Product Datasheet

### NSC33994, CAS [[82058-16-0]] FBM-10-1530

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| Artikelname              | NSC33994, CAS [[82058-16-0]]                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Artikelnummer            | FBM-10-1530                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Hersteller Artikelnummer | 10-1530                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Alternativnummer         | FBM-10-1530-5MG,FBM-10-1530-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Produktbeschreibung      | JAK2 inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Molekulargewicht         | 436.65                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reinheit                 | 98% by TLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Formulierung             | White solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| CAS Nummer               | [82058-16-0]                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Formel                   | C <sub>28</sub> H <sub>42</sub> N <sub>2</sub> O <sub>2</sub>                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Anwendungsbeschreibung   | A remarkably potent and selective JAK2 inhibitor (IC <sub>50</sub> = 60 nM). Displays no effect on Src and TYK2 tyrosine kinase activity at a concentration of 25 µM <sup>1</sup> . Suppresses JAK2-V617F-mediated human pathological cell growth in vitro and in vivo <sup>2</sup> and is concomitant with the disruption of intracellular vimentin filaments <sup>3</sup> . Reduces the tumorigenic potential of T98G glioblastoma cells in vitro and in vivo <sup>4</sup> . |