Table 2. Overview of the potency (EC_{50}) and efficacy (E_{max}, relative to hydromorphone) data of the studied compounds (*n*=5). 95% confidence intervals are shown between brackets.

	MOR-βarr2		MOR-mini-Gi	
	EC_{50} (nM)	**E_{max} (%)**	**EC_{50} (nM)**	**E_{max} (%)**
1. Isotonitazene	**1.63** (1.17-2.28)	**179** (171-187)	**3.72** (2.62-5.26)	**381** (363-399)
2. *N*-desethyl-isotonitazene	**0.614** (0.377-0.985)	**229** (214-243)	**1.16** (0.798-1.70)	**421** (399-444)
3. 4'-OH-nitazene	**176** (124-250)	**133** (125-143)	**486** (329-705)	**223** (210-236)
4. 5-aminoisotonitazene	**383** (263-554)	**188** (176-201)	**761** (505-1119)	**298** (275-322)
5. Metonitazene	**8.14** (5.12-12.8)	**184** (172-197)	**23.5** (17.7-31.4)	**340** (326-355)
6. Etonitazene	**0.661** (0.338-1.26)	**219** (199-238)	**1.71** (1.23-2.42)	**397** (378-417)
7. Protonitazene	**3.95** (2.78-5.60)	**174** (165-182)	**10.4** (7.29-14.7)	**365** (347-384)
8. Clonitazene	**140** (93.6-210)	**173** (160-187)	**338** (204-559)	**303** (282-326)
9. Flunitazene	**377** (295-481)	**192** (183-202)	**827** (618-1094)	**255** (239-271)
10. Isotodesnitazene	**34.8** (22.1-54.4)	**155** (144-166)	**142** (105-191)	**309** (292-327)
11. Metodesnitazene	**548** (365-811)	**149** (139-159)	**1693** (1223-2358)	**224** (209-241)
12. Etodesnitazene	**54.9** (36.1-82.0)	**158** (147-169)	**164** (119-229)	**276** (261-290)
Fentanyl	**14.4** (11.5-18.0)	**163** (157-169)	**34.6** (25.0-47.7)	**282** (268-298)
Morphine	**338** (239-478)	**117** (111-123)	**385** (247-593)	**121** (115-127)
Hydromorphone	***36.2*** *(27.9-47.0)*	***100*** *(95.9-104)*	***49.3*** *(29.2-80.4)*	***100*** *(92.3-108)*